

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

S. Norton & Co Limited

S. Norton & Co Limited
72/76 River Road
Barking
Essex
IG11 0DS

Variation application number

EPR/CB3807HV/V003

Consolidated permit number

EPR/CB3807HV

S. Norton & Co Limited

Permit number EPR/CB3807HV

Introductory note

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

The following notice gives notice of the variation of environmental permits A: EPR/CB3807HV and B: EPR/HB3009KC referred to in the status logs below and the replacement of those permits with a consolidated environmental permit. Permit A will be the lead permit, Permit B will cease.

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. Only the variations specified in schedule 1 are subject to a right of appeal.

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.

The Site is a recycling facility that is permitted to process ferrous and non-ferrous metals. It is located at Barking (National Grid Reference TQ 45852 81666) and is approximately 4.3km to the south west of Dagenham town centre. The Site is approximately 1.87 hectares with a narrow entrance/exit section leading to River Road. It is bounded to the south by the River Thames and to the north and east by existing industrial premises off River Road and to the west by open ground of both a hard surfaced and grassland nature. The River Roding and Barking Creek Barrier lie approximately 120m to the west. The nearest residential properties currently lie approximately 580m north east of the permit boundary. The Site is located within Barking & Dagenham Air Quality Management Area (AQMA) for Nitrogen Dioxide (NO₂) and Particulate Matter (PM₁₀). There is one statutory protected Local Nature Reserve (LWR) and one Local Wildlife Site (LWS) within 2km of the Site. There are several Protected Fish Migratory Routes in the River Thames within 500m to the south of the Site and one Protected Habitat (Coastal Saltmarsh) which lies within 50m to the west and east of the Site.

Prior to this variation, the Site had two permits – a bespoke permit reference (EPR/CB3807HV) for the eastern area of the site and a standard rules permit reference (EPR/HB3009KC) for the Western Area of the site. Both permits allow the receipt, storage and handling/processing of ferrous and non-ferrous metals material for recovery. The western area has predominantly been for sorting and handling of hazardous waste and non-ferrous materials in the open structured warehouse buildings and will continue to be used for this purpose following this variation. The two permits at the site are authorised to store hazardous waste. Part of the reason for this variation is to increase in excess of 50 tonnes, the amount of hazardous waste that is stored at site at any one time. This means that the site will be regulated as an installation site going forward.

This variation allows:

- addition of temporary storage of hazardous waste exceeding 50 tonnes at any one time as a Section 5.6 Part A(1) (a) installation activity.
- consolidation of the existing two permits into one.
- amalgamation of the annual throughput specified in the two permits – this means that the annual throughput of the consolidated permit is 275,000 tonnes.
- addition of new waste EWC codes (16 01 12, 16 01 21*, 16 02 16, 17 04 10*, 20 01 36) to the permit.
- addition of a new waste operation activity for treatment (by shearing) of non-hazardous Waste Electrical and Electronic Equipment (WEEE) consisting mainly of Large Domestic Appliances (LDAs).

Some waste materials received are exposed to treatment processes to facilitate size reduction, densification and to improve the metal and to make them easier to handle, store and transport to facilitate recovery offsite. These are typically ferrous metals including Heavy Melting Steel (HMS) and plate & girder (P&G).

The Western Area of the Site is used predominantly for the handling and processing of Non-Ferrous (NF) materials in the warehouses, which are open, well-ventilated buildings with no enclosed spaces. Site activities

in the Western Area include sorting and grading of NF wastes, including the sorting of batteries into waste types and cable sorting and stripping. The Western Area which is to be consolidated as part of this permit variation already includes the sorting and handling of hazardous waste.

All storage and processing areas benefit from impermeable surfacing and sealed drainage system that includes two interceptors. The site is connected to the municipal foul sewer system. Surface water runoff is discharged via the on-site surface water drainage system and passes via interceptors prior to discharge into municipal foul sewer for the wider industrial area within which the facility is located..

There is no storage of combustible wastes in buildings. The warehouses are open, well-ventilated buildings with no enclosed spaces. Wastes that are stored in the warehouse and covered containers are lead batteries, mixed cables and and non-ferrous metals.

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 permit A: EPR/CB3807HV		
Description	Date	Comments
Permit determined EPR/CB3807HV/A001 (EAWML 103643)	05/12/11	Original permit issued to Humphries Limited.
Permit transferred EPR/CB3807HV/T001	15/05/15	Full transfer of permit to S. Norton & Co Limited
Application EPR/CB3807HV/V003	Duly made 22/03/17	Application for variation to a bespoke permit.
Additional information received	14/07/17	Aerial Emissions Risk Assessment
Additional information received	14/07/17	Revised Fire Prevention Plan
Additional information received	02/08/17	Static plant check sheet, weekly grab inspection check sheet, mobile plant check sheet, Boom-stick check sheet, maintenance trackers and procedure
Additional information received	18/08/17	Topographical survey plan
Additional information received	18/08/17	Site drainage plan
Additional information received	05/02/18	Final Revised Fire Prevention Plan
Permit determined EPR/CB3807HV	19/03/18	Permit issued to S. Norton & Co Limited.
Application EPR/CB3807HV/V003 (variation and consolidation with EPR/CB3807HV)	Duly made 08/05/24	Application to vary and consolidate the existing permits, to add temporary storage of hazardous waste as an installation activity, to amalgamate the annual throughput authorised under the two permits, to add new waste codes to the permit and include shearing of non-hazardous LDAs as a new waste operation.
Response to the Schedule 5 Notice dated 29/08/2024	19/09/24	Response to questions 1 – 23 of the Schedule 5 Notice, including version 2 of the Part C3 and C4 forms, Trade Effluent Consent, Fire Prevention Plan – Draft V4, Fire Prevention Plan drawing – Drawing 005.
	20/09/24	Updated version of the document titled ' <i>Barking Metal Recycling Facility, Environmental Permit Variation Application Best Available Techniques & Operating Techniques</i> ', dated 5 September 2023.

Status log of permit A: EPR/CB3807HV		
Description	Date	Comments
	22/11/24	Additional information provided in response to questions 1, 8, 10, 14, 16, 17, 18, 19, 21, 22 and 23 of the Schedule 5 Notice, including the amended version of the drawing reference 'Drawing 02', dated May 2023, Fire Prevention Plan drawing – Drawing 005, Fire Prevention Plan – Draft V5 and Version 3 of the document titled ' <i>Barking Metal Recycling Facility, Environmental Permit Variation Application Best Available Techniques & Operating Techniques</i> ', dated 21 November 2024.
Additional Information	17/12/24	Document titled ' <i>Barking Metal Recycling Facility, Environmental Permit Variation Application Dust and Emissions Management Plan</i> ' Revision 1, dated 17 December.
	16/01/25	Email and documents titled ' <i>Barking Metal Recycling Facility, Environmental Permit Variation Application Dust and Emissions Management Plan</i> ' Revision 2, dated 16 January 2025 and ' <i>Barking Metal Recycling Facility – Fire Prevention Plan</i> '.
	22/04/25	Email containing the updated site layout plan titled 'Fire Prevention Plan, Drawing 05', dated May 2023.
	24/04/25	Emails providing justification for longer storage duration for the non-combustible scrap metals.
Variation determined and consolidation issued. EPR/CB3807HV	29/04/25	Varied and consolidated permit issued in modern format.

Status log of permit B: EPR/CB3807HV		
Description	Date	Comments
Permit determined EPR/DB3639RX	05/12/11	Original permit issued to Cronifer (London) Limited.
Variation issued EPR/DB3639RX	29/08/13	Administrative variation to change name to Cronimet (London) Limited issued.
Application EPR/CB3807HV/V003 (full transfer of permit EPR/DB3639RX)	Duly made 06/02/19	Application to transfer the permit in full to S. Norton & Co Limited.
Transfer determined EPR/CB3807HV	25/02/19	Full transfer of permit complete.
Application EPR/CB3807HV/V003 (variation and consolidation with EPR/CB3807HV)	Duly made 08/05/24	Application to vary and update the permit to modern conditions.
Variation determined and consolidation issued EPR/CB3807HV	29/04/25	Varied and consolidated permit issued in modern format.

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 regulations 18 and 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies and consolidates environmental permits

Permit numbers

EPR/CB3807HV
EPR/CB3807HV

Issued to

S. Norton & Co Limited (“the operator”)

whose registered office is

Bankfield House
Bankfield Mill
Regent Road
Liverpool
L20 8RQ

company registration number 01859428

to operate regulated facilities at

S. Norton & Co Limited
72/76 River Road
Barking
Essex
IG11 0DS

to the extent set out in the schedules.

The notice shall take effect from 29/04/2025.

The number of the consolidated permit is EPR/CB3807HV.

Name	Date
Peter Maksymiw	29/04/2025

Authorised on behalf of the Environment Agency

Schedule 1 – changes in the permit

The following condition and tables were added, varied or deleted as a result of the application made by the operator:

- Conditions 1.2.1, 1.3.1, 2.1.2 and 2.3.3 have been added because they are relevant IED/installation conditions.
- Condition 2.3.4 has been deleted as the relevant restrictions have been added to table S1.1.
- Condition 2.3.5(a) has been amended to reflect changes to the list of waste tables.
- Condition 2.3.6 has been amended to ensure that any residual waste that is sent to a landfill will conform to the waste acceptance criteria for that landfill
- Condition 2.4.1 has been added because it is a relevant hazardous waste condition.
- Condition 2.5.1 has been added because it is a relevant WEEE condition.
- Conditions 3.1.1, 3.1.2 and 3.1.3 have been added because they are relevant emission and IED conditions.
- Conditions 3.5.1 – 3.5.4 have been added because they are relevant monitoring conditions.
- Condition 3.7.2 has been added to allow for future updates of the Fire Prevention Plan to be requested.
- Conditions 4.2.2 – 4.2.5 have been added because they are relevant reporting conditions.
- Condition 4.3.1 has been added because it is a relevant reporting condition.
- Condition 4.3.6 has been added because it is a relevant site closure condition.
- Table S1.1 as referenced in Conditions 2.1.1 and 2.4.1 has been amended to clearly define the activities that are undertaken at the site, to apply relevant restrictions to them and to add activities AR1 and AR3.
- Table S1.2 as referenced in Conditions 2.3.1 and 2.3.2 has been added to incorporate operating technique documents submitted as part of this application.
- Table S1.3 as referenced in conditions 2.5.1 has been added to reflect the modern WEEE, metal permit template.
- Table S1.4 as referenced in Condition 2.6.1 has been amended to mark the completed improvement conditions and include the new improvement conditions: IC5 – IC7.
- Table S2.1 referenced in condition 2.3.3 has been added to specify the limits for the raw materials.
- Table S2.2 and S2.3 have been amended to reflect the changes to the list of wastes in accordance to the activities specified in Table S1.1.
- Table S3.1 Point source emissions to sewer as referenced in conditions 3.1.1, 3.5.1 and 3.5.4 has been added to reflect the parameters, monitoring frequency and emission limits in the Waste BAT Conclusions.
- Table S3.2 Ambient monitoring requirements as referenced in conditions 3.5.1 and 3.5.4 has been added to reflect the monitoring requirements for dust/PM₁₀.
- Table S4.1 as referenced in Conditions 4.2.3 (a) and (b) has been added to implement reporting requirements for channelled emission to sewer and ambient air monitoring.
- Table S4.2 as referenced in Condition 4.2.2 (b) has been added for reporting annual of production/treatment data.
- Table S4.3 as referenced in Conditions 4.2.2 (c) has been added for performance parameters reporting.
- Table S4.4 as referenced in Conditions 4.2.2 (c) and 4.2.3 (b) has been added to specify the relevant reporting forms.
- Schedule 5 as referenced in Conditions 4.3.2 and 4.3.4 has been amended by adding a new paragraph (c) to Part A requiring notification of breach of permit conditions not relating to limits.

- Schedule 6 as referenced in condition 4.4.1 has been amended by adding additional interpretations that are relevant to the changes made as a result of this variation and by updating/deleting some of the existing interpretations.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/CB3807HV

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/CB3807HV/V003 authorising,

S. Norton & Co Limited (“the operator”),

whose registered office is

Bankfield House

Bankfield Mill

Regent Road

Liverpool

L20 8RQ

company registration number 01859428

to operate an installation and waste operations at

S. Norton & Co Limited

72/76 River Road

Barking

Essex

IG11 0DS

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

Name	Date
Peter Maksymiw	29/04/2025

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 activity referenced in schedule 1, table S1.1 (AR1), 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 activity referenced in schedule 1, table S1.1 (AR1), 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 For the following activity referenced in schedule 1, table S1.1 (AR1), 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, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.4 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 table S2.2 and S2.3; and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.5 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

- 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 WEEE storage and treatment

- 2.5.1 As a minimum, the substances, preparations and components specified in table S1.3 shall be removed from any separately collected 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.

2.6 Improvement programme

- 2.6.1 The operator shall complete the improvements specified in schedule 1 table S1.4 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.6.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 table S3.1.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

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

3.3 Odour

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

3.4 Noise and vibration

- 3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.
- 3.4.2 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
 - (b) ambient air monitoring specified in table S3.2.
- 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 Pests

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

3.7 Fire prevention

- 3.7.1 The operator shall take all appropriate measures to prevent fires on site and minimise the risk of pollution from them including, but not limited to, those specified in any approved fire prevention plan.
- 3.7.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to a risk of fire, submit to the Environment Agency for approval within the period specified, a fire prevention plan which prevents fires and minimises the risk of pollution from fires;
 - (b) implement the fire prevention plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

4 Information

4.1 Records

- 4.1.1 All records required to be made by this permit shall:
- (a) be legible;
 - (b) be made as soon as reasonably practicable;
 - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
 - (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
 - (i) off-site environmental effects; and
 - (ii) matters which affect the condition of the land and groundwater.
- 4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.
- 4.2.2 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR3 etc.) 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 1 month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

4.3 Notifications

4.3.1 In the event:

- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) of a breach of any permit condition the operator must immediately—
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

- (a) any change in the operator's name or address; and
- (b) any steps taken with a view to the dissolution of the operator.

In any other case:

- (a) the death of any of the named operators (where the operator consists of more than one named individual);
- (b) any change in the operator's name(s) or address(es); and
- (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

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

- (a) the Environment Agency shall be notified at least 14 days before making the change; and
- (b) the notification shall contain a description of the proposed change in operation.

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

4.4 Interpretation

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

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

Schedule 1 – Operations

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
AR1	Section 5.6 A (1) (a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes.	Storage of hazardous waste pending off-site transfer R13 Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	From receipt and storage of hazardous waste on site to transfer off-site. Storage of hazardous waste pending off-site transfer shall be on an impermeable surface with sealed drainage. 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. Waste storage shall not exceed 6 months. Waste types suitable for storage are limited to those hazardous waste specified in Table S2.2.
Activity reference	Description of activities for waste operations	Limits of activities	
AR2	Metal Recycling R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced) R4: Recycling/ reclamation of metals and metal compounds R5: Recycling/ reclamation of other inorganic compounds	Treatment consisting only of sorting, separation, grading, shearing, baling, compaction, crushing, granulation or cutting of ferrous metals or alloys and non-ferrous metals into different components for recovery. Wastes shall be stored on an impermeable surface with sealed drainage. There shall be no treatment of cables by granulation under this activity. There shall be no treatment including the decanning of catalytic converters, other than sorting and separating them from other wastes. <u>For Large Domestic Appliances (LDA):</u> Treatment operation is limited to mechanical treatment by shearing of non-hazardous WEEE for the purpose of recovery of constituent parts and materials.	

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
			<p>WEEE waste accepted under this activity is limited to Large Domestic Appliances (LDAs) only.</p> <p>Liquids must be removed prior to mechanical treatment.</p> <p>Subject to any other requirements of this permit, wastes storage under this activity shall not exceed 12 months.</p> <p>Waste types suitable for acceptance are limited to those specified in Table S2.3.</p>
AR3	Treatment of hazardous waste R4 Recycling reclamation of metals/metal compounds		<p>Treatment of batteries is limited to manual sorting, separation and repackaging.</p> <p>Treatment of non-WEEE cables is limited to manual sorting, separation and stripping.</p> <p>Maximum treatment capacity under this activity shall not exceed 10 tonnes per day.</p> <p>Treatment shall only take place in a building and on an impermeable surface with a sealed drainage system.</p> <p>Waste types suitable for treatment are limited to those hazardous waste specified in Table S2.2.</p>

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	Environmental Management Plan.	06/02/17
Response to Schedule 5 Notice dated 05/05/2017 extended 07/07/17, extended 14/07/17	Email 14/07/17 at 10:48 Aerial Emissions Risk Assessment and Management Plan Barking – EP-4.4.6-02	14/07/17
Response to Schedule 5 Notice dated 05/05/2017 extended 07/07/17, extended 14/07/17	Email 14/07/17 at 15:53 Revised Fire Prevention Plan and Appendix 1 - Revised Environment Management Plan VFPP	14/07/17
Response to Schedule 5 Notice dated 05/05/2017 extended 07/07/17, extended 14/07/17	Email dated 24/07/2017 at 16:58 Fire Prevention Plan (FPP) – water to the rain guns	24/07/17
Response to further RFI to Schedule 5 Notice dated 05/05/2017 extended 07/07/17, extended 14/07/17. RFI to Schedule 5 response dated 02/08/2017	Email 02/08/17 at 15:57 Fire Prevention Plan (FPP) – QF-7.5-46, Static plant checksheet, QF-7.5-54 Barking Weekly Grab Inspection checklist, QF-7.5-55 Barking Weekly Boom Stick checksheet, QP-6.3-01 Maintenance Procedure, QF-7.5-47 Mobile Plant checksheet, Site Plan for Barking	02/08/17
Response to Schedule 5 Notice dated 05/05/2017, extended 07/07/17, extended 14/07/2017 and 19/08/2017	Topographical survey and drainage plan.	18/08/17

Table S1.2 Operating techniques		
Description	Parts	Date Received
Response to request for further information in relation to the first Schedule 5 Notice issued 05/05/17	Email 30/10/17 at 16:51 Fire Prevention Plan	30/10/17
Response to first and second Schedule 5 notice issued 29/09/2017	Email 22/11/2017 at 14:00 Revised Fire Prevention Plan	22/11/17
Response to request for further information in relation to first Schedule 5 Notice issued 05/05/2017 and second Schedule 5 Notice issued 29/09/2017	Email 05/02/2017 at 16:21 revised Fire Prevention Plan	05/02/18
Application EPR/CB3807HV/V003 - response to the Schedule 5 Notice dated 29/08/2024	Response to questions 1 – 7, 9, 11, 12, 13, 15 and 20 of the Schedule 5 Notice.	19/09/24
	Additional information provided in response to questions 1, 8, 10, 14, 16, 17, 18, 19, 21, 22 and 23 of the Schedule 5 Notice, including: <ul style="list-style-type: none"> ▪ Version 3 of the document titled '<i>Barking Metal Recycling Facility, Environmental Permit Variation Application Best Available Techniques & Operating Techniques</i>', dated 21 November 2024. 	22/11/24
Additional Information	Email and document titled: <ul style="list-style-type: none"> ▪ '<i>Barking Metal Recycling Facility, Environmental Permit Variation Application Dust and Emissions Management Plan</i>' Revision 2, dated 16 January 2025 and '<i>Barking Metal Recycling Facility – Fire Prevention Plan</i>'. 	16/01/25
	<i>Site layout plan titled 'Fire Prevention Plan, Drawing 05', dated May 2023.</i>	22/04/25

Table S1.3 Substances, preparations and components to be removed from separately collected WEEE
<ul style="list-style-type: none"> • 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

Table S1.3 Substances, preparations and components to be removed from separately collected WEEE

- External electric cables
- Components containing refractory ceramic fibres as described in Commission Directive 97/69/EC of 5 December 1997 adapting to technical progress for the 23rd time Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances
- 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
- Electrolyte capacitors containing “substances of concern” (height > 25mm, diameter > 25mm or proportionately similar volume)

Table S1.4 Improvement programme requirements

Reference	Requirement	Date
IC1	The operator shall not increase the tonnage from 75,000 tonnes per annum to 200,000 tonnes per annum until the Environment Agency has received written approval for fire water to be discharged to the foul sewer following a fire. If the Environment Agency does not received written approval for the fire water to be discharged to the foul sewer following a fire then improvements 2, 3 and 4 below will need to be actioned.	Completed
IC2	The operator shall install and maintain the short term solution of an inflatable bung in the outlet to the interceptor as identified in the Fire Prevention Plan until the alternative permanent measures are provided.	Completed
IC3	The operator shall submit details of the proposed concrete bund and storage tank to contain the firewater runoff, for approval.	Completed
IC4	The operator shall provide the concrete bund and storage tank to contain the firewater runoff in accordance with the Environment Agency’s written approval.	Completed
IC5a	<p>Within one month of permit variation issue, the operator shall submit proposals for ambient dust monitoring to the Environment Agency for approval.</p> <p>Within 30 days of approval, the operator shall undertake a 6 months representative ambient PM₁₀ particulate emissions monitoring programme at upwind and downwind locations at the site to assess the risk of PM₁₀ particulate pollution associated with the permitted site operations.</p> <p>The monitoring programme shall be designed and undertaken in accordance with the standards specified in the guidance - Monitoring emissions to air, land and water (MCERTS) - GOV.UK (Technical guidance notes for monitoring ambient air).</p>	28/12/2025
IC5b	<p>Within one month of the completion of the monitoring programme undertaken under IC5a, the operator shall submit a report to the Environment Agency for approval to demonstrate that the ambient dust emission at the site is below the level of 50 µg/m³ over a 24hr average period (midnight to midnight).</p> <p>If the result of any of the monitoring undertaken under IC5a shows that the ambient levels are above 50 µg/m³, then the report shall include recommendations for improvement of the existing site infrastructure and</p>	28/01/2026

Table S1.4 Improvement programme requirements		
Reference	Requirement	Date
	<p>dust control measures, together with timescales for implementation of the identified improvements.</p> <p>These improvements may include but not be limited to, enclosing activities within a covered structure enclosed on all vertical sides with small access and egress points covered with fast acting doors and suitable dust extraction and filtration systems.</p>	
IC5c	<p>Following the completion of IC5b and where any of the result of monitoring obtained under IC5a shows that the ambient levels are above 50 µg/m³, the operator shall submit a revised Dust Management Plan (DMP) to the Environment Agency for approval within one month.</p> <p>The revised DMP shall take into account the appropriate measures for dust control specified in the <u>Non-hazardous and inert waste: appropriate measures for permitted facilities</u> guidance and <u>Control and monitor emissions for your environmental permit</u> and shall include details of the improvements to the dust control measures agreed with the Environment Agency.</p> <p>The operator shall implement within 15 days, the measures included within the approved DMP and any subsequent revisions agreed in writing by the Environment Agency.</p>	28/02/2026
IC6a	<p>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 to sewer for a minimum of 12 months.</p> <p>The monitoring programme shall be designed to meet the requirements specified in the Environment Agency's guidance 'Surface water pollution risk assessment for your environmental permit - GOV.UK (www.gov.uk)'.</p> <p>The report shall:</p> <ol style="list-style-type: none"> Detail the parameters and substances that will be tested for. Include proposals for monitoring the relevant parameters, including but not limited to those listed in Schedule 3, Table S3.1 or present conclusive evidence to suggest any parameter is not present/relevant in the emission. Detail the monitoring methods, equipment and frequency to be used and justify any alternatives to the methods and frequency set out in Schedule 3, Table S3.1 for the listed parameters. 	28/06/2025
IC6b	<p>The operator shall undertake the monitoring approved under IC6a and shall submit a written report to the Environment Agency for assessment and written approval.</p> <p>The report must include:</p> <ol style="list-style-type: none"> the results and conclusions of the emissions monitoring and assessment undertaken in accordance with the approved monitoring programme under condition IC6a. A comparison of the monitoring results with the parameters and limits listed in Schedule 3, Table S3.1. An updated H1 assessment and/or modelling results which take into consideration relevant environmental standards as specified in Environment Agency guidance 'Surface water pollution risk assessment for your environmental permit - GOV.UK (www.gov.uk)'. 	Within 13 months following the completion of IC6a

Table S1.4 Improvement programme requirements		
Reference	Requirement	Date
	<p>d) A comparison of the conclusions of the updated H1 assessment and/or modelling results against the conclusions of the H1 assessment submitted in permit application EPR/CB3807HV/V003.</p> <p>Where it is concluded that the impact of the emission may be significant or is exceeding an environment standard, the operator shall:</p> <ul style="list-style-type: none"> • Review the emission limits in Table S3.1 and determine whether there is a requirement for emissions limits to be lower in order to prevent exceedance of environmental standards. • Cease further discharge of the site effluent to sewer and shall provide proposals and timescales on how to manage the effluent to ensure discharges have insignificant impact on receiving waters. <p>The operator shall implement the proposals in the report in accordance with the timescales as approved in writing by the Environment Agency.</p>	
IC6c	<p>The operator shall submit a report that provides written confirmation to the Environment Agency that the proposed improvements identified within the report approved under IC6b have been implemented and completed in accordance with the Environment Agency's written approval.</p> <p>(Note, approval of reports under this improvement condition does not preclude the need for permit variation application to operate the improvements identified in the report and/or include any necessary emission limit values).</p>	<p>Within 3 months of submitting the report required under IC6b or at any other date agreed in writing with the Environment Agency</p>
IC7a	<p>The operator shall undertake a review of the areas of the site that are currently covered by an impermeable surface and sealed drainage systems. The review shall ascertain their state and determine if the design and construction of the impermeable surface and sealed drainage systems are in line with or equivalent to the standards required in CIRIA Report C736 and to establish the location and design specifications for additional fire water containment systems.</p> <p>The report of the review shall be certified by a suitably qualified engineer and submitted to the Environment Agency for approval together with details of any improvements.</p>	28/07/2025
IC7b	<p>Following the completion of IC7a, the operator shall implement the improvement measures by the deadline specified in this improvement condition unless otherwise agreed in writing with the Environment Agency. The improvements may include, but are not limited to, the installation of a new impermeable surface, sealed drainage and containment systems.</p>	28/07/26 or at any other date agreed in writing with the Environment Agency

Schedule 2 – Waste types, raw materials and fuels

Raw materials and fuel description	Specification
Diesel	-

Maximum quantity	The total quantity of waste accepted at the site under activities AR1, AR2 and AR3 shall not be more than 275,000 tonnes a year
Exclusions	Wastes having any of the following characteristics shall not be accepted: <ul style="list-style-type: none"> • Consisting solely or mainly of dusts, powders or loose fibres • Wastes that are in a form which is either sludge or liquid
Waste code	Description
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 21*	hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14
16 06	batteries and accumulators
16 06 01*	lead batteries
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 04	metals (including their alloys)
17 04 10*	cables containing oil, coal tar and other hazardous substances
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

Table S2.3 Permitted Waste types and quantities for storage and treatment under Activity AR2 - Metal Recycling	
Maximum Quantities	The total quantity of waste accepted at the site under activities AR1, AR2 and AR3 shall not be more than 275,000 tonnes a year
Exclusions	Wastes having any of the following characteristics shall not be accepted: <ul style="list-style-type: none"> • Consisting solely or mainly of dusts, powders or loose fibres • Wastes that are in a form which is either sludge or liquid
Waste Code	Description
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
02 01 10	waste metal
12	WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS
12 01	wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01 01	ferrous metal filings and turnings
12 01 03	non-ferrous metal filings and turnings
15	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01	packaging (including separately collected municipal packaging waste)
15 01 04	metallic packaging
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 01	end-of-life vehicles from different means of transport (including off-road machinery) and waste from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)
16 01 06	end-of-life vehicles containing neither liquids nor other hazardous components
16 01 12	brake pads other than those mentioned in 16 01 11
16 01 17	ferrous metal
16 01 18	non-ferrous metal
16 01 22	components not otherwise specified
16 02	wastes from electrical and electronic equipment
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15 (consisting only of carcasses of cookers, washing machines and dishwashers from which all electrical and electronic components have been removed)
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 04	metals (including their alloys)

Table S2.3 Permitted Waste types and quantities for storage and treatment under Activity AR2 - Metal Recycling	
Maximum Quantities	The total quantity of waste accepted at the site under activities AR1, AR2 and AR3 shall not be more than 275,000 tonnes a year
Exclusions	<p>Wastes having any of the following characteristics shall not be accepted:</p> <ul style="list-style-type: none"> • Consisting solely or mainly of dusts, powders or loose fibres • Wastes that are in a form which is either sludge or liquid
Waste Code	Description
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 11	cables other than those mentioned in 17 04 10
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 01	wastes from incineration or pyrolysis of waste
19 01 02	ferrous materials removed from bottom ash
19 10	wastes from shredding of metal-containing wastes
19 10 01	iron and steel waste
19 10 02	non-ferrous wastes
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 02	ferrous metal
19 12 03	non-ferrous metal
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 40	metals

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to sewer, effluent treatment plant or other transfers off-site–emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter (Note 4)	Limit (incl. Unit) (Note 4)	Reference period (Note 1)	Monitoring frequency (Note 2)	Monitoring standard or method
At the effluent discharge point marked S1 on site plan reference 'Drawing 005', dated May, 2023	Process water and site surface water drainage	Hydrocarbon oil index (HOI)	10 mg/l	-	Monthly or prior to discharge	EN ISO 9377-2
		Arsenic (expressed as As) (Note 3)	0.05 mg/l			Various EN standards available (e.g. EN ISO 11885, EN ISO 17294-2, EN ISO 15586)
		Cadmium (expressed as Cd) (Note 3)	0.05 mg/l			
		Chromium (expressed as Cr) (Note 3)	0.15 mg/l			
		Copper (expressed as Cu) (Note 3)	0.5 mg/l			
		Lead (expressed as Pb) (Note 3)	0.3 mg/l			
		Nickel (expressed as Ni) (Note 3)	0.5 mg/l			
		Zinc (expressed as Zn) (Note 3)	2 mg/l			
		Mercury (expressed as Hg) (Note 3)	0.005 mg/l			Various EN standards available (i.e. EN ISO 17852, EN ISO 12846)
	PFOA PFOS Deca BDE	-	-	6 monthly		
<p>Note 1 - Relevant reference period:</p> <ul style="list-style-type: none"> 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. <p>Note 2 - Monitoring frequencies may be reduced by written agreement of the Environment Agency if emission levels are proven to be sufficiently stable.</p> <p>Note 3 - The limits may not apply if the downstream waste water treatment plant abates the pollutants concerned, provided this does not lead to a higher level of pollution in the environment.</p> <p>Note 4 - Monitoring and limits only apply where the substance concerned is identified as relevant in the waste water inventory as determined by improvement condition IC6a and IC6b.</p>						

Table S3.2 Ambient monitoring requirements				
Location or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
At locations to be agreed in writing with the Environment Agency in accordance with the approved Dust Management Plan required under IC5c	Dust/PM10	Monthly	<u>Monitoring emissions to air, land and water (MCERTS) - GOV.UK</u> (Specific guidance for air)	Monitoring methods, trigger levels and actions as specified in approved Dust Management Plan required under IC5c

Schedule 4 – Reporting

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

Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to sewer Parameters as required by condition 3.5.1	S1	Every 12 months	1 January

Table S4.2 Annual production/treatment	
Parameter	Units
WEEE processed	tonnes
Ferrous metal recovered	tonnes
Non-ferrous metal recovered	tonnes
Other fractions recovered	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
Point source emissions to sewer	Emissions to Sewer Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Ambient air monitoring	Form Ambient 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.

“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.

“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).

“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.

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

“emissions to land” includes emissions to groundwater.

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

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

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

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

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

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

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

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

“List of Wastes” means the list of wastes established by Commission Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on

waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste, as amended from time to time.

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

“pests” means Birds, Vermin and Insects.

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

“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.

“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.

“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

“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).

“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.

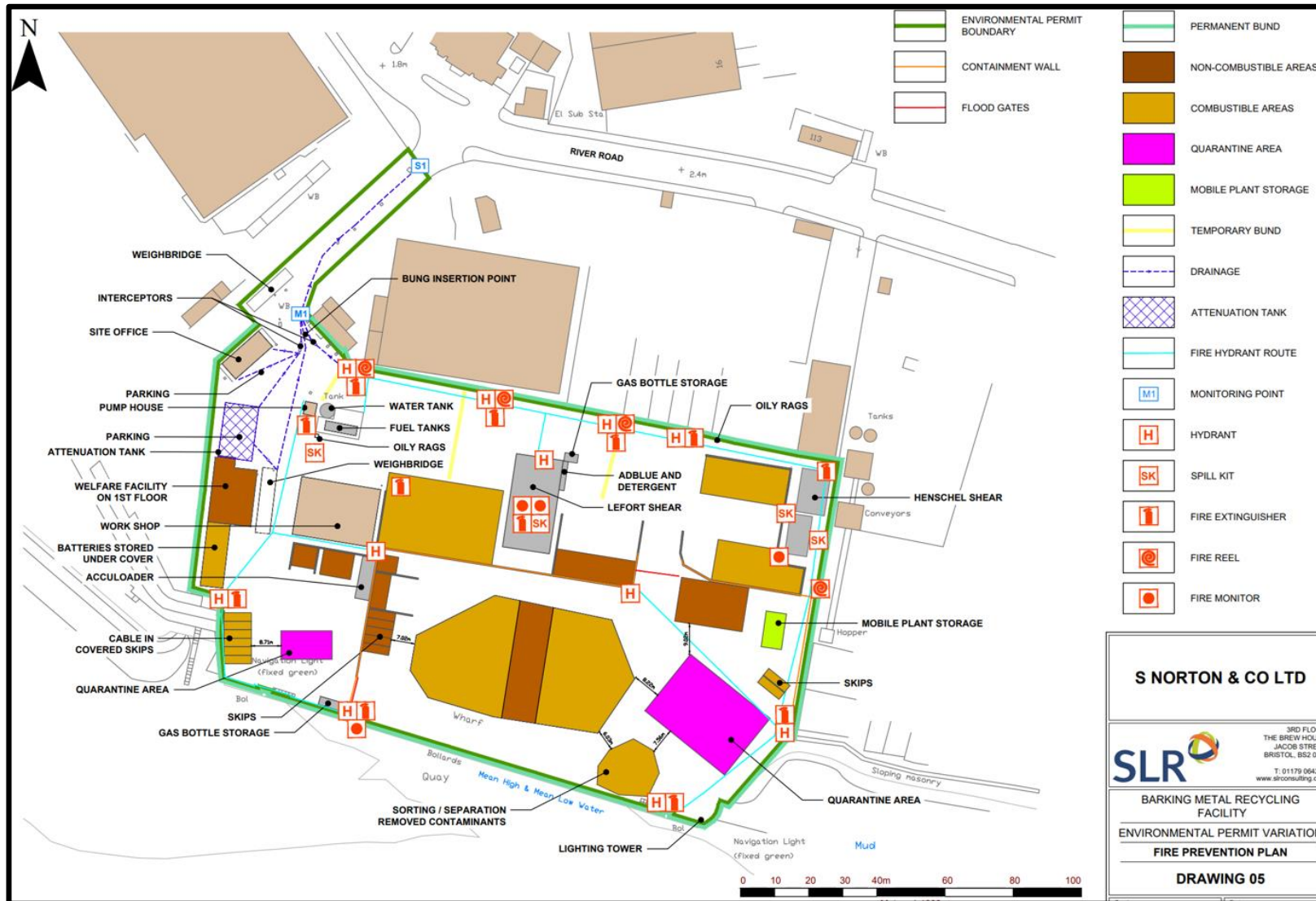
Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- 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 Table S2.1 they have the meaning given below.

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

Schedule 7 – Site plan



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END OF PERMIT

Permit number
EPR/CB3807HV

Emission point	Substance / parameter	Emission Limit Value	Reference period	Test method ¹	Result ²	Sample dates and times ³	Uncertainty ⁴

Signed: *[Name]*

Date: *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

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

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

¹ Where an internationally recognised standard test method is used, give the reference number. Where another method that has been formally agreed with the Environment Agency, give the appropriate identifier. In other cases state the principal technique, for example gas chromatography.

² Give the result as the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, give the result as the 'minimum to maximum' of the measured values.

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

⁴ Complete if the uncertainty associated with the result is not a 95% confidence interval. Leave blank for 95% confidence intervals.

Signed: *[Name]*

Date: *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

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

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

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

Water Usage Reporting Form

Permit Number: EPR/CB3807HV

Operator: S. Norton & Co Limited

Facility: S. Norton & Co Limited

Water Usage Reporting Form: version 1, 08/03/2021

Reporting of water usage for the year [YYYY]

Water source	Water usage (m³)	Specific water usage (m³/unit) ²
Mains water	<i>[insert annual usage in m³ where mains water is used]</i>	<i>[insert annual usage in m³/unit where mains water is used]</i>
Site borehole	<i>[insert annual usage in m³ where water is used from a site borehole]</i>	<i>[insert annual usage in m³/unit where water is used from a site borehole]</i>
River abstraction	<i>[insert annual usage in m³ where abstracted river water is used]</i>	<i>[insert annual usage in m³/unit where abstracted river water is used]</i>
Other – <i>[specify other water source where applicable. Add extra rows where needed]</i>	<i>[insert annual usage in m³ where applicable]</i>	<i>[insert annual usage in m³/unit where applicable]</i>
Total water usage	<i>[insert total annual water usage in m³]</i>	<i>[insert total annual water usage in m³/unit]</i>

Operator's comments

Energy Usage Reporting Form

Permit Number: EPR/CB3807HV

Operator: S. Norton & Co Limited

Facility: S. Norton & Co Limited

Energy Usage Reporting Form: version 1, 08/03/2021

Reporting of energy usage for the year [YYYY]

Energy source	Energy consumption / production (MWh)	Specific energy consumption (MWh/unit) ²
Electricity imported as delivered - source [specify source, e.g. supplied from the national grid]	<i>[insert annual consumption in MWh where electricity is imported]</i>	<i>[insert annual consumption in MWh/unit where electricity is imported]</i>
Electricity imported as primary energy 1 – conversion factor of [specify conversion factor used to convert electricity delivered to primary energy]	<i>[insert annual consumption in MWh where electricity is imported]</i>	<i>[insert annual consumption in MWh/unit where electricity is imported]</i>
Natural gas	<i>[insert annual consumption in MWh where natural gas is used]</i>	<i>[insert annual consumption in MWh/unit where natural gas is used]</i>
Gas oil – conversion factor of [specify conversion factor used to convert tonnes to MWh]	<i>[insert annual consumption in MWh where gas oil is used]</i>	<i>[insert annual consumption in MWh/unit where gas oil is used]</i>
Imported heat	<i>[insert annual consumption in MWh where heat is imported]</i>	<i>[insert annual consumption in MWh/unit where heat is imported]</i>
Other – <i>[specify other energy source and conversion factors where applicable, e.g. renewable fuel. Add extra rows where needed]</i>	<i>[insert annual consumption in MWh where applicable]</i>	<i>[insert annual consumption in MWh/unit where applicable]</i>
Electricity exported	<i>[insert annual production in MWh where electricity is exported]</i>	Not applicable
Heat exported	<i>[insert annual production in MWh where heat is exported]</i>	Not applicable

Operator's comments

Signed: *[Name]*

Date: *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your annual energy usage.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Add additional rows as necessary.

¹ Multiply delivered electricity by 2.4 to convert to primary energy where the electricity is supplied from the national grid. If the electricity is supplied from another source, specify the conversion factor used. Add additional rows as needed if electricity is imported from multiple sources.

² Divide energy consumption by an appropriate unit of raw material processed or waste output.

Other Performance Parameters Reporting Form

Permit Number: EPR/CB3807HV

Operator: S. Norton & Co Limited

Facility: S. Norton & Co Limited

Other Performance Parameters Reporting Form: version 1, 08/03/2021

Reporting of other performance parameters for the period from *[DD/MM/YY]* to *[DD/MM/YY]*

Parameter	Units
<i>[e.g. Total raw material usage]</i>	<i>[e.g. tonnes per production unit]</i>

Operator's comments

Signed: *[Name]*

Date: *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report the performance parameters (other than water and energy) required by your permit. Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. The parameters to report and units to be used can be found in the 'Performance parameters' table in schedule 4 of your permit. Add additional rows as necessary.