

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Sapa Profiles UK Limited

Sapa Profiles UK Limited

Unit 1, Sawpit Lane

Mansfield Road

Tibshelf

Alfreton

Derbyshire

DE55 5NH

Variation application number

EPR/LP3937VP/V003

Permit number

EPR/LP3937VP

Sapa Profiles UK Limited

Permit number EPR/LP3937VP

Introductory note

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

Under the Environmental Permitting (England & Wales) Regulations 2010 (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 variation authorises concerns the installation of a new aluminium scrap sorting line at the front end of the manufacturing process to improve the quality of the material being passed forward to the melting furnace. The sorting line will remove unwanted metals and other contaminants, for recycling, from the incoming scrap aluminium and will consist of:

- an overhead grab for loading the shredder with scrap material;
- a shredder to break the material into around 150mm pieces, also loosening contaminants in the process
- a magnetic drum to remove iron and steel
- a trommel to screen out anything below 30mm diameter as it is not suitable for the melting furnace
- an eddy current machine to remove inert contaminants, such as paint, rubber, wood, etc, and
- an x-ray machine to remove zinc, copper and brass.

The operation of the shredder has been added to Table S1.1 of the permit as a new listed activity, Section 5.4 A(1)(b)(iv) - Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day, involving treatment in shredders of metal waste, including waste electrical and electronic equipment and end-of-life vehicles and their components. The other elements of the new scrap sorting line have been added to Table S1.1 as a Directly Associated Activity.

A new emission point to air (point A12) has been added to the permit in Table S3.1. This emission point serves the bag filter plant on the new shredder for the control of particulates. Emissions to air at emission point A12 will be made via a dedicated 13 metre high exhaust stack.

An updated Noise Management Plan and a Vibration Management Plan have also been incorporated into the permit as part of this variation. These plans include the operational measures proposed to control noise and vibration associated with the new scrap sorting line.

The schedules specify the changes made to the permit.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	Date	Comments
Application received BL9712IG	Duly made 18/12/01	
Additional information received	22/03/02	

Status log of the permit		
Description	Date	Comments
Additional information received	22/04/02	
Additional information received	04/07/02	
Additional information received	21/11/02	
Permit determined BL9712IG	10/03/03	Original permit issued to Sapa Profiles Limited.
Application (PAS ref DP3734MY)	Duly Made 06/11/06	Application to vary the permit.
Variation determined	19/06/07	Varied permit issued.
Application EPR/HP3636UF/T001 (PAS ref HP3636UF)	Duly Made 12/07/07	Application to transfer the permit.
Transfer determined EPR/HP3636UF/T001	04/09/07	Transferred permit issued to Sapa Profiles UK Limited.
Application EPR/HP3636UF/V002 (PAS ref FP3338XH)	Duly Made 21/01/08	Application to vary the permit.
Variation determined EPR/HP3636UF/V002	15/04/08	Varied permit issued.
Application EPR/HP3636UF/V003 (PAS ref UP3335GS)	Duly Made 30/09/08	Application to vary the permit.
Variation determined EPR/HP3636UF/V003	29/03/09	Varied permit issued.
Application EPR/HP3636UF/V004 (PAS ref QP3930HB)	Duly Made 16/08/10	Application to vary the permit.
Additional information received	15/10/10	
Variation determined EPR/HP3636UF/V004	16/11/10	Varied permit issued.
Application EPR/HP3636UF/V005 (PAS ref ZP3730CB)	Duly Made 15/12/11	Application to vary the permit.
Variation determined EPR/HP3636UF/V005	31/01/12	Varied permit issued.
Environment Agency Led Variation Request EPR/HP3636UF/V006	Approved 09/07/13	Application to vary the permit.
Variation and consolidation determined EPR/HP3636UF/V006	04/09/13	Varied and consolidated permit issued.
Application EPR/LP3937VP/T001 (full transfer of permit EPR/ HP3636UF)	Duly made 03/06/14	Application to update the company number for Sapa Profiles UK Limited.
Transfer determined EPR/LP3937VP	18/06/14	Full transfer of permit complete.
Application EPR/LP3937VP/V002	Submitted 28/04/14	Application returned to operator.
Application for variation EPR/LP3937VP/V003	Duly Made 01/06/15	Application to add a new scrap sorting line to the permit
Variation determined EPR/LP3937VP/V003 PAS/Billing Ref: EP3730AS	DD/MM/YY	Varied and consolidated permit issued to Sapa Profiles UK Limited in modern condition format.

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies and consolidates

Permit number

EPR/LP3937VP

Issued to

Sapa Profiles UK Limited ("the operator")

whose registered office is

**Unit 1, Sawpit Lane
Mansfield Road
Tibshelf
Alfreton
Derbyshire
DE55 5NH**

company registration number 00961843

to operate an installation at

**Unit 1, Sawpit Lane
Mansfield Road
Tibshelf
Alfreton
Derbyshire
DE55 5NH**

to the extent set out in the schedules.

The notice shall take effect from [DD/MM/YYYY]

Name	Date
[name of authorised person]	[DD/MM/YYYY]

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit as a result of the application made by the operator.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

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Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number

EPR/LP3937VP

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/LP3937VP/V003 authorising,

Sapa Profiles UK Limited (“the operator”),

whose registered office is

**Unit 1, Sawpit Lane
Mansfield Road
Tibshelf
Alfreton
Derbyshire
DE55 5NH**

company registration number 00961843

to operate an installation at

**Unit 1, Sawpit Lane
Mansfield Road
Tibshelf
Alfreton
Derbyshire
DE55 5NH**

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

Name	Date
[name of authorised person]	[DD/MM/YYYY]

Authorised on behalf of the Environment Agency

Conditions

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.

1.2 Energy efficiency

1.2.1 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 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”).

2.2 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, excluding the two shaded areas marked “Warehouse” and “Stores”.

2.3 Operating techniques

- 2.3.1 (a) 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.
- (b) 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.
- 2.3.2 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.3 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 table S2.2; and
- (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.4 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 property associated with the waste, if applicable; and
- (e) the waste code of the waste.
- 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 Improvement programme

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

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.

3.2 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 plans to prevent or where that is not practicable to minimise the noise and vibration.

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.

- 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 Fire prevention

- 3.6.1 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.
- 3.6.2 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 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 performance parameters set out in schedule 4 table S4.1 using the forms specified in table S4.2 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 S4.2; 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 year, 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 year.

4.3 Notifications

- 4.3.1 (a) In the event 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) in the event 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) in the event 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 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, 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 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
Section 2.2 A(1)(b)(i) and (ii)	<p>Melting, including making alloys, of non-ferrous metals including recovered products and the operation of non-ferrous metal foundries where</p> <p>(i) the plant has a melting capacity of more than 4 tonnes per day for lead or cadmium or 20 tonnes per day for all other metals; and</p> <p>(ii) any furnace (other than a vacuum furnace), bath or other holding vessel used in the plant for the melting has a design holding capacity of 5 or more tonnes.</p>	<p>From receipt of material in the furnace charging bins to intermediate storage prior to the extrusion process.</p> <p>Waste types as specified in Table S2.2</p>
Section 5.4 A(1)(b)(iv)	<p>Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day, involving</p> <p>(iv) treatment in shredders of metal waste, including waste electrical and electronic equipment and end-of-life vehicles and their components.</p> <p>R5: Recycling/reclamation of other inorganic materials</p> <p>R4: Recycling/reclamation of metals and metal compounds</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents</p>	<p>From loading of scrap into the shredder hopper to discharge into the materials separation equipment</p> <p>Waste types as specified in Table S2.2</p>
Directly Associated Activity		
Materials separation line	<p>Separation of recyclable materials not suitable for the melting furnace, using a magnetic drum, trommel screen, eddy current machine and an x-ray machine</p> <p>R5: Recycling / reclamation of other inorganic materials</p> <p>R4: Recycling / reclamation of metals and metal compounds</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents</p>	<p>From receipt of scrap material from the shredder to discharge into furnace charging bins or recycles recovery bins.</p> <p>Waste types as specified in Table S2.2</p>

Table S1.1 activities		
Directly Associated Activity		
Raw materials storage and handling	Receipt, handling and storage of aluminium scrap and all process substances	Receipt of raw materials until used in the process.
Extrusion plant	Billets extruded into aluminium profiles, annealing and cutting.	Billet storage and handling, extrusion, annealing and cutting. Includes plant services, die cleaning, process materials storage. Excludes workshops and packaging areas.
Water discharges to foul sewers	Discharge of process water from the installation.	From cooling towers to external foul sewer.
Water discharges to surface water sewers	Discharge of site drainage and specific process water from the installation.	From surface water and only process cooling water system bleed off at points of entry, to surface water sewer
Storage and handling of wastes	Handling, storing and removal of all wastes from site.	From waste production by the specified activities to waste leaving the site. Except wastes from finished products packaging and storage.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	The response to questions 2.3 of the application	18/12/01
Response to the 16/08/02 Schedule 4 Part 1 Notice	Response to questions 7,8,9,10,11,12,13,14,15,16,17,18,19 and 20	4/07/02
Letter 15/1/03	All the contents included	21/11/02
Variation Application EPR/HP3636UF/V003	Section C2.3	29/09/08
Variation Application EPR/HP3636UF/V004	Part C3 and Attachment Document 1	16/08/10
Response to 28/09/10 Schedule 5 Notice	Response to Questions 3, 5, 6, 7, 8, 9, 11,12	15/10/10
Document 1 accompanying Variation Application EPR/HP3636UF/V005	Text under the heading "Proposed change"	15/12/11
Variation Application EPR/LP3937VP/V003	Responses to Parts C2 & C3 section 3 of the application form and referenced supporting documentation	01/06/15
Variation Application EPR/LP3937VP/V003	Noise Management Plan Vibration Management Plan	16/11/16

Table S1.3 Improvement programme requirements		
Reference	Requirement	Completion date
IC1	In the event that the operator wishes to cease monitoring and reporting emissions from release point A11, the operator shall provide a written report containing at least two complete sets of monitoring results and a justification for ceasing monitoring based on a risk assessment. The Operator shall cease monitoring and reporting following receipt of written agreement from the Environment Agency.	Ongoing

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 quantity for melting, including making alloys, of non-ferrous metals.	
Waste code	Description
Maximum quantity	19,200 tonnes per annum
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 18	non-ferrous metal
17	Construction and Demolition Wastes (including excavated soil from contaminated sites)
17 04	metals (including their alloys)
17 04 02	aluminium from construction and demolition waste
19	Wastes from Waste Management Facilities, Off-site Waste Water Treatment Plants and the Preparation of Water Intended for Human Consumption and Water for Industrial Use
19 12	Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 03	non-ferrous metals from mechanical treatment of waste
20	Municipal Wastes (Household waste and similar commercial, industrial and institutional wastes) Including separately collected fractions
20 01	Separately collected fractions (except 15 01)
20 01 40	metals from municipal waste

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 (a)	Monitoring standard or method (b)
A1 [point A1 on site plan in schedule 7]	Extraction (Luhr bagfilter plant) serving the melting furnace and holding vessel	Particulate matter	10 mg/m ³	Hourly average	Continuous	BS EN 14181
		Particulate matter	10 mg/m ³	Average over the sampling period	Bi-annual	BS EN 13284-1
		Oxides of nitrogen (as NO ₂)	100 mg/m ³	Average over the sampling period	Bi-annual	BS EN 14792 or ARM
		Sulphur dioxide	50 mg/m ³	Average over the sampling period	Bi-annual	BS EN 14791 or ARM
		Carbon monoxide	150 mg/m ³	Average over the sampling period	Bi-annual	BS EN 15058 or ARM
		Total Organic Carbon (TOC)	50 mg/m ³	Average over the sampling period	Bi-annual	BS EN 12619
		Hydrogen chloride	10 mg/m ³	Average over the sampling period	Bi-annual	BS EN 1911 or ARM
		Hydrogen fluoride	1 mg/m ³	Average over the sampling period	Bi-annual	BS ISO 15713 or ARM
		Dioxins and furans	0.1 ng/Nm ³ ITEQ	Average over the sampling period	Bi-annual	BS EN 1948
A2 Homogeniser N° [point A2 on site plan in schedule 7]	Gas fired Homogeniser furnaces (2 off)	Oxides of nitrogen (as NO ₂)	No limit set	-	-	-
A5 [point A5 on site plan in schedule 7]	Extraction (acid scrubber) serving Die stripping operations (unit S1)	-	No limit set	-	-	-
A6 [point A6 on site plan in schedule 7]	Extraction (acid scrubber) serving Die stripping operations (unit S2)	-	No limit set	-	-	-

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 (a)	Monitoring standard or method (b)
A7 / Ageing oven 4/1 & 4/2 [point A7 on site plan in schedule 7]	Gas fired ageing ovens to Press 4 (2 off)	Oxides of nitrogen (as NO ₂)	No limit set	-	-	-
A8 / Ageing oven 2/1 & 2/2 [point A8 on site plan in schedule 7]	Gas fired ageing oven to Press 8 (2 off)	Oxides of nitrogen (as NO ₂)	No limit set	-	-	-
A9 [point A9 on site plan in schedule 7]	Gas fired billet heater to Press 4	Oxides of nitrogen (as NO ₂)	No limit set	-	-	-
A10 [point A10 on site plan in schedule 7]	Press 8 billet heater	-	No limit set	-	-	-
A11 [point A11 on site plan in schedule 7]	Tilting holding furnace	Particulate matter (d)	10 mg/m ³	Average over the sampling period	Bi-annual	BS EN 13284-1
A11 [point A11 on site plan in schedule 7]		Oxides of nitrogen (as NO ₂) (d)	100 mg/m ³	Average over the sampling period	Bi-annual	BS EN 14792 or ARM
A11 [point A11 on site plan in schedule 7]		Sulphur dioxide (d)	50 mg/m ³	Average over the sampling period	Bi-annual	BS EN 14791 or ARM
A11 [point A11 on site plan in schedule 7]		Carbon monoxide (d)	150 mg/m ³	Average over the sampling period	Bi-annual	BS EN 15058 or ARM
A11 [point A11 on site plan in schedule 7]		Total Organic Carbon (TOC) (d)	50 mg/m ³	Average over the sampling period	Bi-annual	BS EN 12619
A11 [point A11 on site plan in schedule 7]		Hydrogen chloride (d)	10 mg/m ³	Average over the sampling period	Bi-annual	BS EN 1911 or ARM
A11 [point A11 on site plan in schedule 7]		Hydrogen fluoride (d)	1 mg/m ³	Average over the sampling period	Bi-annual	BS ISO 15713 or ARM
A11 [point A11 on site plan in schedule 7]		Dioxins and furans (c) (d)	0.1 ng/Nm ³ ITEQ	Average over the sampling period	Bi-annual	BS EN 1948
A12 [point A12 on site plan in schedule 7]	Extraction (bagfilter plant) serving the Zato scrap shredder	Particulate matter	5 mg/m ³	Average over the sampling period	Bi-annual	BS EN 13284-1

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 (a)	Monitoring standard or method (b)
<p>For emission point A1 the limits in Table S3.1 are expressed at 273K, 101.3 kPa, dry basis, actual oxygen.</p> <p>(a) Minimum interval between extractive samples is 4 months.</p> <p>(b) or other equivalent method as agreed in writing with the Environment Agency.</p> <p>(c) 12 months after full implementation of Phase 2 changes described in this variation monitoring of Dioxins and Furans may be discontinued if agreed in writing with the Environment Agency.</p> <p>(d) Monitoring of emissions from emission point A11 may be discontinued if agreed in writing with the Environment Agency, in accordance with Improvement Condition IC1 in Table S1.3.</p>						

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)	Reference period	Monitoring frequency	Monitoring standard or method
S1 [point S1 on site plan in schedule 7] to Severn Trent Water	Man-hole to surface water sewer serving remelt plant, including the storage area, remelt plant and Press 4 cooling towers and adjacent yard	-	No limit set	-	-	-
S2 [point S2 on site plan in schedule 7] to Severn Trent Water	Downpipes to surface water sewer serving the factory roof area	-	No limit set	-	-	-

Schedule 4 – Reporting

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

Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to air Parameters as required by condition 3.5.1.	A1, A11 and A12	Annually	1 Apr

Table S4.2 Reporting forms		
Media/parameter	Reporting format	Date of form
Air / all periodic	Form air 1 or other form as agreed in writing by the Environment Agency	DD/MM/YY
Air / particulate CEM	Form air 2 or other form as agreed in writing by the Environment Agency	07/08/13

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 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.

“*Bi-annual*” means a calendar year half commencing on 1 January or 1 July.

“*Dioxins*” means polychlorinated dibenzo-*p*-dioxins and polychlorinated dibenzo-*p*-furans.

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

“*EP Regulations*” means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

For the determination of the toxic equivalence (ITEQ) value stated as a release limit the mass concentrations of the following dioxins and furans have to be multiplied with their equivalence factors before summing.

Equivalence factor

2,3,7,8 Tetrachlordibenzodioxin (TCDD)	1
1,2,3,7,8 Pentachlordibenzodioxin (PeCDD)	0.5
1,2,3,4,7,8 Hexachlordibenzodioxin (HxCDD)	0.1
1,2,3,7,8,9 Hexachlordibenzodioxin (HxCDD)	0.1
1,2,3,6,7,8 Hexachlordibenzodioxin (HxCDD)	0.1
1,2,3,4,6,7,8 Heptachlordibenzodioxin (HpCDD)	0.01
Octachlordibenzodioxin (OCDD)	0.001
2,3,7,8 Tetrachlorodibenzofuran (TCDF)	0.1
2,3,4,7,8 Pentachlorodibenzofuran (PeCDF)	0.5
1,2,3,7,8 Pentachlorodibenzofuran (PeCDF)	0.05
1,2,3,4,7,8 Hexachlorodibenzofuran (HxCDF)	0.1
1,2,3,7,8,9 Hexachlorodibenzofuran (HxCDF)	0.1
1,2,3,6,7,8 Hexachlorodibenzofuran (HxCDF)	0.1
2,3,4,6,7,8 Hexachlorodibenzofuran (HxCDF)	0.1
1,2,3,4,6,7,8 Heptachlorodibenzofuran (HpCDF)	0.01
1,2,3,4,7,8,9 Heptachlorodibenzofuran (HpCDF)	0.01
Octachlorodibenzofuran (OCDF)	0.001

“*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.

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

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

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

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

“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

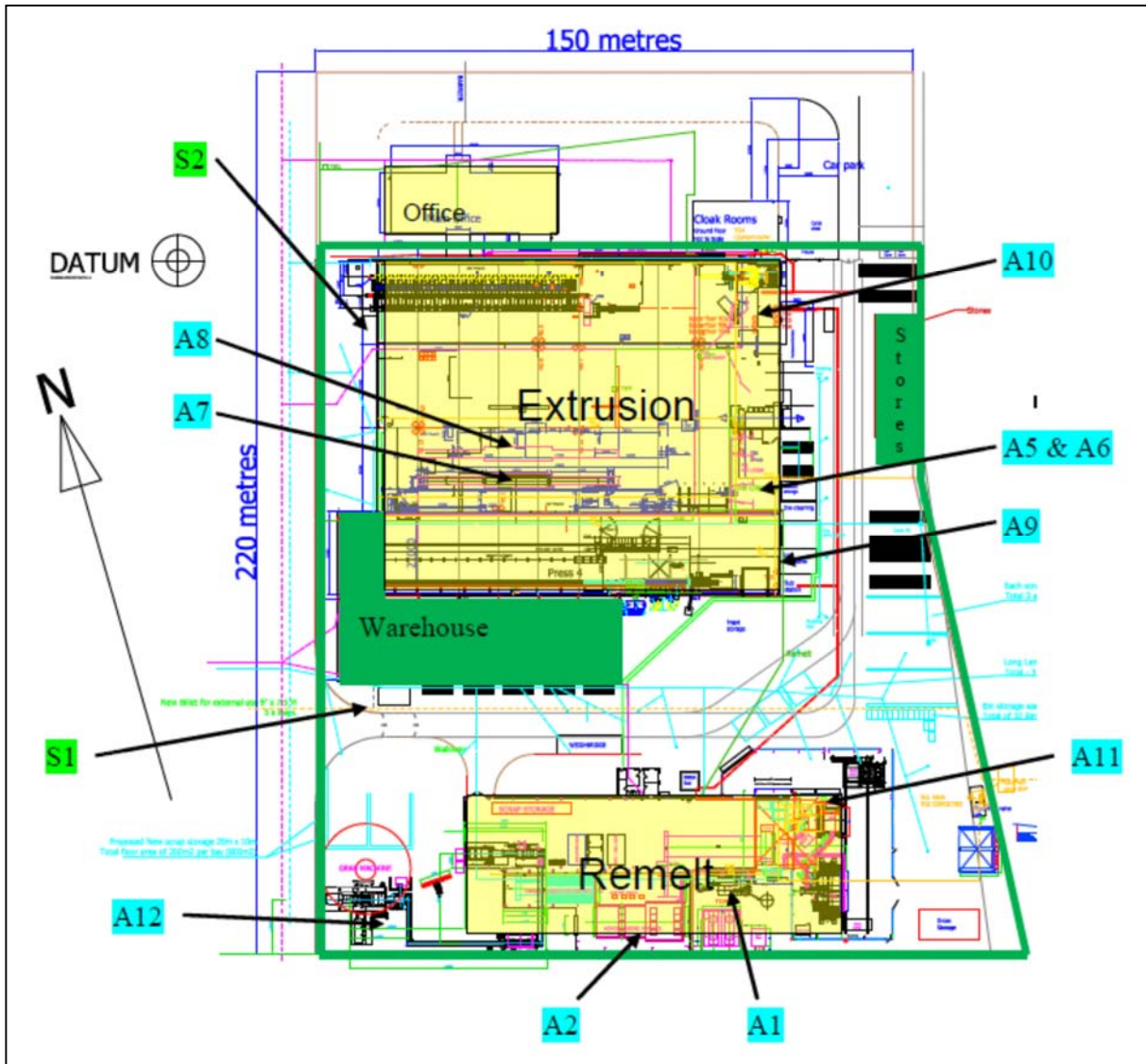
“year” means calendar year ending 31 December.

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:

- (a) 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
- (b) 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.

Schedule 7 – Site plan



END OF PERMIT