

# Notice of variation and consolidation with introductory note

## The Environmental Permitting (England & Wales) Regulations 2016

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Schutz (U.K.) Limited  
Claylands Avenue,  
Dukeries Industrial Estate,  
Worksop,  
Nottinghamshire,  
S81 7BE

### **Variation application number**

EPR/FP3890CZ/V006

### **Permit number**

EPR/FP3890CZ

# Schutz (UK) Limited

## Permit number EPR/FP3890CZ

### Introductory note

#### **This introductory note does not form a part of the permit**

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

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

This permit variation has been issued to implement guidance “Chemical waste: appropriate measures for permitted facilities” and “non-hazardous and inert waste: appropriate measures for permitted facilities”.

#### **Changes introduced by this variation notice/statutory review**

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

On 18 November 2020, Chemical waste: appropriate measures for permitted facilities guidance was published on gov.uk. The guidance explains the standards that are relevant to regulated facilities with an environmental permit to treat or transfer chemical waste, providing indicative BAT for those sites.

On 12 July 2021, Non-hazardous and inert waste: appropriate measures for permitted facilities guidance was published on gov.uk. The guidance explains the standards that are relevant to regulated facilities with an environmental permit to treat or transfer non-hazardous and inert waste, providing indicative BAT for those sites.

This permit variation has been issued to update some of the conditions following a statutory review of the permits in the chemical waste treatment and transfer sector, non-hazardous treatment and transfer and to implement the appropriate measures guidance. The opportunity has also been taken to consolidate the original permit and subsequent variations where appropriate.

#### **Brief description of the process**

The regulated facility comprises:

- treatment of hazardous waste;
- repackaging of hazardous waste;
- temporary storage of hazardous waste;
- raw material storage;
- treatment of non-hazardous waste;
- temporary storage of non-hazardous waste.

The facility is permitted to process 28,350 tonnes of hazardous and non-hazardous waste in aggregate per year. Storage capacity at the site is a maximum of 200 tonnes for hazardous wastes and 740 tonnes for non-hazardous wastes at any one time.

Treatment of waste includes:

The site receives Intermediate Bulk Containers (IBCs) containing waste products. These IBCs can originate from any industry sector and contain a small amount of the original product that was previously stored in the IBC. The steel cages of the IBCs are cleaned and repaired for reuse, and the plastic inner bottles are reprocessed where possible.

The IBCs are delivered to the site containing waste residues in various forms, including liquids, pastes, and hardened residues (solids), following completion of the necessary pre-acceptance checks. The IBCs are then assessed and formally accepted onto the site.

Removal of the top cap takes place at the first-floor tie-bar removal station, where nitrogen is introduced into all returned IBCs. Each liquid waste residue is categorised through an internal database and labelled accordingly. Each IBC is weighed to determine the quantity of residue present. The IBCs are then placed in designated areas depending on the nature of the waste they contain.

The IBCs are dismantled and the plastic inner bottles are removed. The steel cage is washed with water, refurbished with a new plastic inner bottle, and stockpiled until required for reuse.

The bases are cut off all plastic inner bottles. Each bottle base is automatically tilted to allow draining, with additional manual scraping from the cut base into the waste stream IBC. The scraped bottle base is then pushed onto a conveyor for shredding and granulation on the ground floor.

Full IBCs are sealed and stored in a designated area for that specific waste type within the Reko warehouse, prior to transfer off-site.

Both the cleaned base sections and upper sections of the plastic bottles are shredded and granulated, then washed with water to allow the plastic to be recovered and reused. Bases that cannot be recovered are transferred to a sister facility for further processing.

The water used to clean the granulated plastic, cages, and pallets is treated through an effluent treatment system and recycled for reuse. Filter cake arising from the effluent treatment system is removed off site for disposal.

Nominally empty IBCs containing non-hazardous, excessively viscous residues are transferred and bulked up by using a permanent, dedicated gravity dispensing platform.

The operator also accepts wooden, metal and plastic pallets. These are repaired if possible and reused.

The following receptors are within 2 km of the site:-

- Housing Estate within 50 m to the north of the boundary of the site;
- Tanker Wood (Ancient Woodland and Local Wildlife site) approximately 600 m from the boundary of the site; and
- Chesterfield Canal (Local Wildlife site) approximately 1 km from the boundary of the site.

The site operates under certified management systems, including ISO 9001 (Quality), ISO 14001 (Environmental), ISO 45001 (Health & Safety), and ISO 50001 (Energy).

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.

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Permit determined EAWML 43575 (EPR/FP3890CZ)	24/06/2004	Original permit issued to Schutz (UK) Limited
Application EPR/FP3890CZ/V002 (variation)	16/03/2005	Application to vary the permit. Application deemed withdrawn.
Application EPR/FP3890CZ/V003 (variation)	12/09/2006	Application to vary the permit deemed withdrawn.
Application received EPR/FP3890CZ/V004 (variation)	19/04/2013	Application to vary permit by adding waste codes.
Permit determined EPR/FP3890CZ	18/06/2013	Application to vary permit approved.
Application EPR/FP3890CZ/V005 (variation)	Duly made 15/04/16	Application to vary and update the permit to modern conditions.
Permit determined EPR/FP3890CZ (EAWML 43575) (PAS Billing ref. HP3837WR)	01/06/16	Varied and consolidated permit issued in modern condition format.
Permit review- Regulation 61 Notice sent to Operator	15/11/2021	Regulation 61 Notice requiring information for statutory review of permit.
Permit review – Regulation 61 Notice response	21/02/2022	Response received from the operator.
Permit Review – Application (variation and consolidation) EPR/FP3890CZ/V006	Environment Agency Initiated Variation	Statutory review of permit occasioned by Waste Treatment BAT Conclusions published on 17 August 2018 and Chemical waste: appropriate measures for permitted facilities published 18 November 2020. And Non-hazardous and inert waste: appropriate measures for permitted facilities published 12 July 2021.
Additional information received	20/05/2025	Email received: <ul style="list-style-type: none"> <li>• Revised Reg 61 response</li> <li>• Site plans</li> <li>• Installation Working Plan</li> </ul>
Additional information received in response to the Request for Further Information (RFI) dated 07/05/2025	26/06/2025	Documents received in response to questions 1 to 10 of the RFI. Submission of: <ul style="list-style-type: none"> <li>• Site plan - 'SCH002A – 2025.06'</li> <li>• Site plan – 'SCH-SITE UK 2025 works-model'</li> <li>• Documents of A1, A2 and A3 emission points</li> </ul>
	11/07/2025	Documents received in response to questions 1 to 10 of the RFI. Submission of:

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
		<ul style="list-style-type: none"> <li>• Reco Plant Warehouse Storage Plan</li> <li>• Site Drainage Plan</li> <li>• Water treatment plant flow diagram</li> <li>• HDPE Shredder &amp; Granulator Room photo</li> </ul>
	21/07/2025	Documents received in response to questions 1 to 11, 13 to 15, 18 to 25 of the RFI. <ul style="list-style-type: none"> <li>• Metal skips location</li> <li>• Activity and EWC Code Assignment</li> </ul>
Additional information received in response to the Request for Further Information (RFI) dated 01/09/2025	10/09/2025	Operator comments for draft S1.1 activities table
Additional information received in response to the Request for Further Information (RFI) dated 18/09/2025	13/10/2025	Documents received in response to RFI emails dated 18/09/2025 and 06/10/2025. <ul style="list-style-type: none"> <li>• Updated contacts</li> <li>• Emission points A2 &amp; A3 have LEV extraction, no abatement.</li> <li>• Updated site plan with emission points - (SCH002A – 2025.10)</li> <li>• Document entitled 'Revised Tables for RFI Activity and EWC Code Assignment (v2.0)'</li> </ul>
Additional information received in response to the Request for Further Information (RFI) dated 19/11/2025	15/12/2025	Information received in response to RFI email regarding the storage of oxidizers.
Additional information received in response to the Request for Further Information (RFI) dated 03/12/2025	15/12/2025	Email response received in response to questions 1 to 3 of the RFI.
Environment Agency Waste Treatment Sector Review Permit reviewed Variation determined EPR/FP3890CZ/V006	17/02/2026	Varied and consolidated permit issued.

End of introductory note

# Notice of variation and consolidation

## The Environmental Permitting (England and Wales) Regulations 2016

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

### Permit number

EPR/FP3890CZ

### Issued to

**Schutz (U.K.) Limited** (“the operator”)

whose registered office is

**Claylands Avenue,**

**Dukeries Industrial Estate,**

**Worksop,**

**Nottinghamshire,**

**S81 7BE**

company registration number 02347670

to operate a regulated facility at

**Schutz (U.K.) Limited**

**Claylands Avenue,**

**Dukeries Industrial Estate,**

**Worksop,**

**Nottinghamshire,**

**S81 7BE**

to the extent set out in the schedules.

The notice shall take effect from 17/02/2026

Name	Date
Anne Lloyd	17/02/2026

Authorised on behalf of the Environment Agency

## **Schedule 1**

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

## **Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.

# Permit

## The Environmental Permitting (England and Wales) Regulations 2016

### Permit number

**EPR/FP3890CZ**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/FP3890CZ/V006 authorising,2

**Schutz (U.K.) Limited** (“the operator”),  
whose registered office is

**Claylands Avenue,  
Dukeries Industrial Estate,  
Worksop,  
Nottinghamshire,  
S81 7BE**

company registration number 02347670

to operate an installation and waste operations at

**Schutz (U.K.) Limited  
Claylands Avenue,  
Dukeries Industrial Estate,  
Worksop,  
Nottinghamshire,  
S81 7BE**

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

Name	Date
Anne Lloyd	17/02/2026

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

### 1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
  - (b) using sufficient competent persons and resources.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.
- 1.1.4 The operator shall comply with the requirements of an approved competence scheme.

### 1.2 Energy efficiency

- 1.2.1 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR8) the operator shall:
- (c) take appropriate measures to ensure that energy is used efficiently in the activities;
  - (d) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
  - (e) take any further appropriate measures identified by a review.

### 1.3 Efficient use of raw materials

- 1.3.1 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR8) 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 activities referenced in schedule 1, table S1.1 (AR1 to AR8). Waste authorised by this permit shall be clearly distinguished from any other waste on the site. The site
- 2.1.3 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.

### **2.2 Operating techniques**

- 2.2.1 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.
- 2.2.2 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, 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.
- 2.2.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.2.4 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 table(s) S2.2, S2.3 and S2.4; and
  - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.2.5 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.
- 2.2.6 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.

### **2.3 Hazardous waste storage and treatment**

- 2.3.1 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.

## **2.4 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, S3.2 and S3.3.
- 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, S3.2 and S3.3;
  - (b) process monitoring specified in table S3.4;
- 3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.
- 3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1, S3.2 and S3.3 unless otherwise agreed in writing by the Environment Agency.

### **3.6 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:

- (c) 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;
- (d) 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 AR6) 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 S4.3 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:

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

(d) 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 5.3 Part A (1)(a)(ii) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment	Treatment of hazardous waste IBCs R3 Recycling / reclamation of organic substances which are not used as solvents. R4 Recycling/reclamation of metals and metal compounds R5 Recycling/reclamation of other inorganic materials	<p>From removal of residues from hazardous waste IBCs and treatment by shredding of plastic inner bottles to storage of residues, shredded plastic and refurbished IBCs.</p> <p>No more than 81 tonnes per day of hazardous and non-hazardous waste shall be treated in aggregate with AR9.</p> <p>The following wastes shall not be blended or mixed:</p> <ul style="list-style-type: none"> <li>wastes which react with one another</li> <li>wastes which could be recovered with other wastes if this means that the waste must now be sent for disposal or a lower form of recovery</li> <li>oils where this could negatively affect their regeneration or recycling</li> <li>wastes containing Persistent Organic Pollutants (POPs) being mixed solely to generate a mixture below the defined low POPs content</li> <li>waste to deliberately dilute it</li> </ul> <p>Treatment shall take place in an enclosed building using local exhaust ventilation on an impermeable surface with sealed drainage.</p> <p>Treated waste refurbished IBC's, pelletised plastic and end of waste (refurbished IBC's) shall be stored in a building prior to transfer off-site on an impermeable surface with sealed drainage for no longer than 6 months:</p> <ul style="list-style-type: none"> <li>No more than 152 tonnes of washed Cages/Pallets with inner bottles removed shall be stored on site at any one time.</li> <li>No more than 200 tonnes of recovered HDPE granulated inner bottles collected into IBCs shall be stored on site at any one time.</li> </ul> <p>No waste types shall be submitted to this activity other than those hazardous wastes specified in schedule 2, table S2.2.</p>
AR2	Section 5.3 Part A (1)(a)(iv)	Repackaging of hazardous waste.	From receipt of waste to repackaging of waste.

<b>Table S1.1 Activities</b>			
<b>Activity reference</b>	<b>Activity listed in Schedule 1 of the EP Regulations</b>	<b>Description of specified activity and WFD Annex I and II operations</b>	<b>Limits of specified activity and waste types</b>
	Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving repackaging.	R12 Exchange of waste for submission to any of the operations numbered R1 to R11 (repackaging). D14 Repackaging prior to submission to any of the operations numbered D1 to D13.	Repackaging is limited to: transferring, removing or separating waste from its primary packaging (for example container). Wastes that are combined together during repackaging activities shall be materially the same and not change the waste's chemical composition or characteristics. Repackaging shall take place in a dedicated area in a building (Reko Plant) using local exhaust ventilation on an impermeable surface with sealed drainage. Repackaging of waste shall not change either the maximum storage times for waste on site or the amount that can be stored at any one time. No waste types shall be submitted to this activity other than IBC residues from activity AR1 and hazardous wastes specified in schedule 2, table S2.2.
AR3	Section 5.6 Part A(1)(a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes.	Temporary storage of hazardous waste. R13 Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced). D15 Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where the waste is produced).	From receipt and storage of hazardous waste on site to its treatment on site; or its transfer off-site. The amount of hazardous waste stored on site at any one time shall not exceed 200 tonnes. No waste shall be blended or mixed or repackaged on site. All waste shall be stored inside a building. Wastes shall be stored in building (Reko Warehouse).as shown at the locations identified on site plan in Schedule 7. All wastes shall be stored on site for no longer than 6 months. Notwithstanding the limits given above where a shorter storage time period is given in an agreed management plan then that time period shall take precedence. No waste types shall be submitted to this activity other than those hazardous wastes specified in schedule 2, table S2.3.
AR4	Section 5.3 Part A (1)(a)(ii) Disposal or recovery of hazardous waste with a capacity	Treatment of waste waters within the waste water treatment plant R5 Recycling/reclamation of other inorganic materials	From treatment of waste waters in enclosed building and on an impermeable surface with sealed drainage system by neutralisation, flocculation, gravitational settlement

<b>Table S1.1 Activities</b>			
<b>Activity reference</b>	<b>Activity listed in Schedule 1 of the EP Regulations</b>	<b>Description of specified activity and WFD Annex I and II operations</b>	<b>Limits of specified activity and waste types</b>
	exceeding 10 tonnes per day involving physico-chemical treatment		<p>pumped to filter cake press in effluent treatment plant in the Reko Plant on the ground floor of Reko building, as shown in the plan shown in schedule 7</p> <p>Treatment shall take place in a dedicated area in enclosed plant on an impermeable surface with sealed drainage.</p> <p>Treated waste waters shall be stored in IBCs within a building prior to transfer off-site on an impermeable surface with sealed drainage system for no longer than 6 months.</p> <p>No more than 14 tonnes per day of hazardous waste shall be treated.</p> <p>Limited to the treatment of waste water generated on-site from the cleaning of the IBCs.</p> <p>Filter Cake and treated waste water shall be stored in enclosed IBCs in a dedicated building prior to transfer off-site on an impermeable surface with sealed drainage for no longer than 6 months.</p> <p>No more than 62 tonnes of treated waste waters shall be stored on site at any one time.</p>
<b>Directly Associated Activity</b>			
AR5	Dewatering of filter cake from waste water treatment	Dewatering filter cake D15 Storage pending any of the operations numbered D 1 to D 14 (excluding temporary storage, pending collection, on the site where the waste is produced)	<p>Treatment of waste in enclosed building and on an impermeable surface with sealed drainage system.</p> <p>No more than 10 tonnes per day of waste filter cake shall be treated in a dedicated building.</p> <p>The amount of dewatered waste filter cake stored in IBCs on site at any one time shall not exceed 3 tonnes.</p> <p>Wastes shall be stored on site for no longer than 6 months.</p>
AR6	Raw material handling and storage.	Raw material handling and storage.	From receipt and storage to point of use.
AR7	Surface water collection and storage.	Collection and storage of uncontaminated site surface water in underground tank.	From the collection of uncontaminated roof and site surface water from non-operational areas only to discharge off-site.
AR8	Treatment of IBC cages	Treatment of IBC cages R4 Recycling/reclamation of metals and metal compounds	Separation of IBS plastic inner bottle from metal cages, dismantling and compaction of IBC metal cages
<b>Waste Operations</b>			

<b>Table S1.1 Activities</b>			
<b>Activity reference</b>	<b>Activity listed in Schedule 1 of the EP Regulations</b>	<b>Description of specified activity and WFD Annex I and II operations</b>	<b>Limits of specified activity and waste types</b>
<b>Activity reference</b>	<b>Description of activities for waste operations</b>	<b>Limits of activities</b>	
AR9	<p>Treatment of non-hazardous waste.</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents</p> <p>R4: Recycling/reclamation of metals and metal compounds</p> <p>R5: Recycling/reclamation of other inorganic compounds</p>	<p>From removal of residues from non-hazardous waste IBCs and treatment by shredding of plastic inner bottles to storage of residues, shredded plastic and refurbished IBCs.</p> <p>Treatment of non-hazardous waste shall take place in a building and on an impermeable surface with sealed drainage system.</p> <p>No more than 81 tonnes per day of hazardous and non-hazardous waste shall be treated in aggregate with AR1.</p> <p>No more than 18 tonnes of treated waste shall be stored inside the Reko Warehouse on-site and for no longer than 6 months as follows:</p> <ul style="list-style-type: none"> <li>• 12 tonnes in IBCs</li> <li>• 3 tonnes in non-hazardous skip</li> <li>• 2 tonnes of baled cardboard</li> <li>• 1 tonne of baled polyethylene (PE) bags etc</li> </ul> <p>No waste types shall be submitted to this activity other than those non-hazardous wastes specified in schedule 2, table S2.4.</p>	
AR10	<p>Storage of non-hazardous waste.</p> <p>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)</p>	<p>From receipt and storage of non-hazardous waste on site to its treatment or its transfer off-site.</p> <p>The amount of non-hazardous waste stored on site at any one time shall not exceed 740 tonnes.</p> <p>No waste shall be blended or mixed, repackaged or compacted on site.</p> <p>Metal skips (x2) MS1, MS2 containing metal waste such as tubing, label plates, other metal and wooden pallets for recycling.</p> <p>Storage of non-hazardous waste in enclosed building and on an impermeable surface with sealed drainage system prior to transfer off-site.</p> <p>All wastes shall be stored on site for no longer than 6 months.</p> <p>Notwithstanding the limits given above where a shorter storage time period is given in an agreed management plan then that time period shall take precedence.</p> <p>No waste types shall be submitted to this activity other than those non-hazardous wastes specified in schedule 2, table S2.4.</p>	

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application	Section 2 of the application documents provided in response to section 3a – technical standards, Part C3 of the application forms.	Duly Made 15/04/2016
Chemical waste: appropriate measures for permitted facilities Version published 18 November 2020	All parts of the appropriate measures guidance shall apply other than: those parts to which an improvement programme requirement applies in Table S1.3 (and only until the date that the improvement has been or must be met, whichever is the earlier);	21/02/2022
Non-hazardous and inert waste: appropriate measures for permitted facilities. Version published 12 July 2021	All parts of the appropriate measures guidance shall apply other than: Those parts to which an improvement programme requirement applies in Table S1.3 (and only until the date that the improvement has been or must be met, whichever is the earlier);	N/A
Additional information	Email received: <ul style="list-style-type: none"> <li>Revised Reg 61 response</li> <li>Document entitled 'WI 7.1.0-02.15.2-(03)_16 Installation Working Plan'</li> </ul>	20/05/2025
Additional information	Documents received in response to questions 1 to 10 of the RFI. Submission of: <ul style="list-style-type: none"> <li>Reco Plant Warehouse Storage Plan</li> <li>Site Drainage Plan</li> <li>Water treatment plant flow diagram</li> <li>HDPE Shredder &amp; Granulator Room photo</li> </ul>	26/06/2025
Additional information	Documents received in response to questions 1 to 11, 13 to 15, 18 to 25 of the RFI. <ul style="list-style-type: none"> <li>Metal skip's location</li> <li>Activity and EWC Code Assignment</li> </ul>	21/07/2025
Additional information	Documents received in response to RFI emails dated 18/09/2025 and 06/10/2025. <ul style="list-style-type: none"> <li>Emission points A2 &amp; A3 have LEV extraction, no abatement.</li> <li>Document entitled 'Revised Tables for RFI Activity and EWC Code Assignment (v2.0)'</li> </ul>	13/10/2025
Additional information	Information received in response to RFI email regarding the storage of oxidizers.	15/12/2025
Additional information	Email response received in response to questions 1 to 3 of the RFI dated 03/12/2025. <ul style="list-style-type: none"> <li>IBCs containing oxidisers shall be nominally empty and securely stored and segregated under cover within the Reko Warehouse, which is a fully enclosed metal-clad building.</li> <li>Residue products come in various forms, liquids, pastes, some hardened off residues making them solid.</li> <li>Top cap only takes place on the first-floor tie bar removal station for the introduction of the nitrogen into all of the returned IBCs.</li> </ul>	15/12/2025

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	<p>The operator shall develop and implement a site Environmental Management System (EMS) to include both the installation and waste activities and make available for inspection all documents and procedures, which form part of the site EMS.</p> <p>The revised EMS shall cover all activities at the installation and shall be in accordance with the Sector Guidance Note IPPC S5.06 – Guidance for the Recovery and Disposal of Hazardous and Non Hazardous Waste. The revised EMS shall include the techniques the operator relies upon to manage the operations, accidents (including flooding) and the closure and decommissioning of the site. The documents and procedures set out in the EMS shall form the written management system referenced in condition 1.1.1 (a) of the permit.</p>	Complete
IC2	<p>The operator shall submit a written report to the Environment Agency for approval. The report shall detail the arrangements for the supervision of waste pre-acceptance, receipt and acceptance to comply with the requirements of section 2.1.1, 2.1.2 and 2.1.3 of Sector Guidance Note IPPC S5.06 – Guidance for the Recovery and Disposal of Hazardous and Non Hazardous Waste. The report shall contain a date for the implementation of the arrangements.</p> <p>The operator shall implement the arrangements as approved, and from the date agreed with the Environment Agency.</p>	Complete
IC4 Management System	<p>The operator shall review and update their written management system to ensure that they meet the requirements of the Environment Agency's guidance Chemical waste: appropriate measures for permitted facilities referred to in Table S1.2. Specifically, the operator must demonstrate that the following appropriate measure(s) of the guidance will be met:</p> <ul style="list-style-type: none"> <li>• Section 2.5. Contingency plan and procedures</li> </ul> <p>A copy of the updated procedure(s) shall be submitted to the Environment Agency for approval.</p>	17/02/2027
IC5 Waste pre-acceptance and/or acceptance and/or tracking procedures	<p>The operator shall review and update their waste pre-acceptance and/or waste acceptance procedures and/or tracking to ensure that they meet the requirements of the Environment Agency's guidance Chemical waste: appropriate measures for permitted facilities referred to in Table S1.2. Specifically, the operator must demonstrate that the following appropriate measure(s) of the guidance will be met:</p> <ul style="list-style-type: none"> <li>• Section 3.2. Waste acceptance (measures regarding sampling)</li> <li>• <i>You must move non-compliant containers to a dedicated quarantine area unless you can safely store the waste in a general storage area with other compatible wastes whilst you investigate the non-conformance. You must label non-compliant containers to identify that they are quarantined. You must record the non-conformance and where the waste is stored. If you use a dedicated quarantine</i></li> </ul>	17/02/2027

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	<p><i>area, you must segregate or isolate incompatible wastes. You must contain and abate wastes which are quarantined due to odour (measure 3.2.17)</i></p> <ul style="list-style-type: none"> <li>Section 3.3. Waste tracking</li> </ul> <p>A copy of the updated procedure(s) shall be submitted to the Environment Agency for approval.</p>	
IC6 Waste storage, segregation and handling procedures	<p>The operator shall review and update their waste storage, segregation and handling procedures to ensure that they meet the requirements of the Environment Agency's guidance Chemical waste: appropriate measures for permitted facilities referred to in Table S1.2. Specifically, the operator must demonstrate that the following appropriate measure(s) of the guidance will be met:</p> <p><i>Storage area drainage infrastructure must:</i></p> <ul style="list-style-type: none"> <li><i>contain all possible contaminated run-off</i></li> <li><i>prevent incompatible wastes coming into contact with each other</i></li> <li><i>make sure that fire cannot spread (measure 4.6)</i></li> </ul> <p><i>You must keep incompatible wastes segregated so they cannot come into contact with one another. You must store flammable wastes separately to prevent fire spreading between them and other materials. You must use sealed drainage systems to prevent leaks and spillages from contaminating other wastes (measure 4.20).</i></p> <p><i>You must stack containers specifically designed for stacking and no more than 2.2m high on a pallet (measure 4.25).</i></p> <p><i>You must store all other containers on pallets. You must not stack these pallets more than 2 high, except for empty containers which can be stacked 3 high (measure 4.26).</i></p> <p>A copy of the updated procedure(s) shall be submitted to the Environment Agency for approval.</p>	17/02/2027
IC7 Waste treatment procedures	<p>The operator shall review and update their waste treatment procedures to ensure that they meet the requirements of the Environment Agency's guidance Chemical waste: appropriate measures for permitted facilities referred to in Table S1.2. Specifically, the operator must demonstrate that the following appropriate measure(s) of the guidance will be met:</p> <p><i>Where an emission is expected, all treatment or reactor vessels must be enclosed. Only vent them to the atmosphere via an appropriate scrubbing and abatement system (subject to explosion relief) (measure 4.10).</i></p> <p>A copy of the updated procedure(s) shall be submitted to the Environment Agency for approval.</p>	17/02/2027
IC8 Emissions control procedures	<p>The operator shall review and update their emissions control procedures to ensure that they meet the requirements of the Environment Agency's guidance Chemical waste: appropriate measures for permitted facilities referred to in Table S1.2. Specifically, the operator must demonstrate that the following appropriate measure(s) of the guidance will be met:</p>	17/02/2027

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	<p><i>You must contain storage tanks, silos and waste treatment plant (including shredders) to make sure you collect, extract and direct all process emissions to an appropriate abatement system for treatment before release (measure 6.1.1).</i></p> <p>A copy of the updated procedure(s) shall be submitted to the Environment Agency for approval.</p>	
IC9 Updated emissions inventory and H1 risk assessment (air)	<p>The operator shall submit a written report to the Environment Agency for assessment and written approval as required by section 6.1, and 7.1 of Chemical waste: appropriate measures for permitted facilities. ‘The emissions inventory must include information about the relevant characteristics of point source emissions to air.’</p> <p>The report must include:</p> <ul style="list-style-type: none"> <li>(a) the results and conclusions of the emissions monitoring and assessment undertaken in accordance with your emissions inventory.</li> <li>(b) a comparison of the monitoring results with the limits listed in Schedule 3, Table S3.1 for each parameter.</li> <li>(c) the results and conclusions from an assessment of the environmental impact of the emissions to air using all relevant parameters identified from your emissions inventory under (a) above. The assessment must be carried out using the Environment Agency’s ‘H1 Environmental Risk Assessment’ tool (or equivalent as agreed with the Environment Agency) and/or modelling as required following our guidance: <a href="#">Air emissions risk assessment for your environmental permit - GOV.UK</a></li> </ul> <p>Where it is concluded that the impact of an emission may be significant or exceeds an environmental standard (e.g. an environmental quality standard EQS) the operator shall:</p> <ul style="list-style-type: none"> <li>a) Review whether there is a need for emissions limits to be lower than the limits listed in Schedule 3, Table S3.1 in order to prevent exceedance of environmental standards.</li> <li>b) Propose revised emission limits that will prevent exceedance of the environmental standard(s)</li> <li>c) Include proposals for measures to mitigate the emission to meet the relevant emission limit (for example, the provision of additional treatment or abatement) and timescales for the implementation of these measures.</li> </ul> <p>The proposals shall be implemented within 6 months of approval of the report or as agreed in writing by the Environment Agency.</p>	<p>Submission of written report detailing monitoring and assessment results and further proposals 17/08/2026</p>

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC10a enclosure, extraction and collection and/or Abatement system	<p>The operator shall submit a plan to the Environment Agency for approval as required by section 6.1 of Chemical waste: appropriate measures for permitted facilities</p> <p><i>“You must contain storage tanks, silos and waste treatment plant (including shredders) to make sure you collect, extract and direct all process emissions to an appropriate abatement system for treatment before release”.</i></p> <p><i>for the enclosure, extraction and collection installation and maintenance and operation of an abatement system for the reduction of e.g. VOCs from the shredders on site (measure 6.1.1).</i></p> <p>The plan shall detail:</p> <ul style="list-style-type: none"> <li>• the design of the abatement system;</li> <li>• the monitoring measures in place for; <ul style="list-style-type: none"> <li>- optimising and maintaining the operation;</li> <li>- optimising performance of the [carbon filters/bag filters/other abatement for example wet scrubbers];</li> <li>- identifying optimal regeneration or replacement;</li> </ul> </li> <li>• The timescale for implementation.</li> </ul> <p>The plan shall be implemented in accordance with the Environment Agency’s written approval.</p>	17/08/2026
IC10b Abatement system	The agreed abatement system(s) approved under IC10a shall be installed and operated in accordance with the Environment Agency’s written approval.	6 months from approval of abatement system plan in accordance with IC10a.
IC11a Site surfacing and drainage for external areas	<p>The operator shall submit to the Environment Agency for approval, a written report detailing proposals for providing external areas of the site where waste is stored or handled with impermeable surfacing and a sealed drainage system, in accordance with the Environment Agency’s guidance Chemical waste: appropriate measures for permitted facilities.</p> <p>The proposal must include the specification of the proposed infrastructure, an implementation plan, and timescales for implementation.</p>	17/05/2026
IC11b Site surfacing and drainage for external areas	<p>The operator shall submit a written report to the Environment Agency for approval which demonstrates that impermeable surfacing and a sealed drainage system is in place for external areas of the site where waste is stored or handled.</p> <p>The report must demonstrate that the measures in place comply with the Environment Agency’s guidance Chemical waste: appropriate measures for permitted facilities.</p>	17/02/2027

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IC12 Update site plan	<p>The operator shall review and update their site plan to include the information below:</p> <ul style="list-style-type: none"> <li>• A boundary line accurately and clearly identified in GREEN which encompasses the permitted area of your site.</li> <li>• Identify other geographic features (roads, rivers etc.).</li> <li>• Have a scale indicator and OS NGR indicated.</li> <li>• Emission and sampling points (to air, water and land where applicable) clearly shown.</li> <li>• Surfacing types.</li> <li>• Buildings (with any internal storage areas identified).</li> <li>• Storage bays, tanks, skips or any other designated storage areas.</li> <li>• Treatment plant.</li> <li>• Quarantine area.</li> <li>• Entrances and exits to be used by emergency services.</li> </ul> <p>A copy of the updated plan shall be submitted to the Environment Agency in writing for approval.</p>	3 months from the completion date of IC10b and IC11b.

## Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
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Table S2.2 Permitted waste types and quantities for physico-chemical treatment of hazardous waste by (AR1) and repackaging (AR2).	
<b>Maximum quantity</b>	<b>The maximum annual throughput of waste for the site shall not exceed 28,350 tonnes for all activities in aggregate.</b>
<b>Exclusions</b>	Notwithstanding the waste types listed below, wastes shall not be accepted which have any of the following characteristics:  HP1, HP9, HP15 and HP16
<b>Waste code</b>	<b>Description</b>
<b>2</b>	<b>WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING</b>
<b>02 01</b>	<b>wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing</b>
02 01 08*	agrochemical waste containing hazardous substances
<b>03 02</b>	<b>wastes from wood preservation</b>
03 02 01*	non-halogenated organic wood preservatives
03 02 02*	organochlorinated wood preservatives
03 02 03*	organometallic wood preservatives
03 02 04*	inorganic wood preservatives
<b>4</b>	<b>WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES</b>
<b>04 02</b>	<b>wastes from the textile industry</b>
04 02 16*	dyestuffs and pigments containing hazardous substances
<b>6</b>	<b>WASTES FROM INORGANIC CHEMICAL PROCESSES</b>
<b>06 01</b>	<b>wastes from the manufacture, formulation, supply and use (MFSU) of acids</b>
06 01 01*	sulphuric acid and sulphurous acid
06 01 02*	hydrochloric acid

<b>Table S2.2 Permitted waste types and quantities for physico-chemical treatment of hazardous waste by (AR1) and repackaging (AR2).</b>	
<b>Maximum quantity</b>	The maximum annual throughput of waste for the site shall not exceed 28,350 tonnes for all activities in aggregate.
<b>Exclusions</b>	Notwithstanding the waste types listed below, wastes shall not be accepted which have any of the following characteristics: HP1, HP9, HP15 and HP16
<b>Waste code</b>	<b>Description</b>
06 01 03*	hydrofluoric acid
06 01 04*	phosphoric and phosphorous acid
06 01 05*	nitric acid and nitrous acid
06 01 06*	other acids
<b>06 02</b>	<b>wastes from the MFSU of bases</b>
06 02 01*	calcium hydroxide
06 02 03*	ammonium hydroxide
06 02 04*	sodium and potassium hydroxide
06 02 05*	other bases
<b>06 03</b>	<b>wastes from the MFSU of salts and their solutions and metallic oxides</b>
06 03 13*	solid salts and solutions containing heavy metals
06 03 15*	metallic oxides containing heavy metals
<b>06 04</b>	<b>metal-containing wastes other than those mentioned in 06 03</b>
06 04 03*	wastes containing arsenic
06 04 05*	wastes containing other heavy metals
<b>06 06</b>	<b>wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes</b>
06 06 02*	wastes containing hazardous sulphides
<b>06 13</b>	<b>wastes from inorganic chemical processes not otherwise specified</b>
06 13 01*	inorganic plant protection products, wood-preserving agents and other biocides.
<b>7</b>	<b>WASTES FROM ORGANIC CHEMICAL PROCESSES</b>
<b>07 01</b>	<b>wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals</b>

<b>Table S2.2 Permitted waste types and quantities for physico-chemical treatment of hazardous waste by (AR1) and repackaging (AR2).</b>	
<b>Maximum quantity</b>	<b>The maximum annual throughput of waste for the site shall not exceed 28,350 tonnes for all activities in aggregate.</b>
<b>Exclusions</b>	Notwithstanding the waste types listed below, wastes shall not be accepted which have any of the following characteristics: HP1, HP9, HP15 and HP16
<b>Waste code</b>	<b>Description</b>
07 01 03*	organic halogenated solvents, washing liquids and mother liquors
07 01 04*	other organic solvents, washing liquids and mother liquors
<b>07 02</b>	<b>wastes from the MFSU of plastics, synthetic rubber and man-made fibres</b>
07 02 14*	wastes from additives containing hazardous substances
07 02 16*	wastes containing hazardous silicones
<b>07 03</b>	<b>wastes from the MFSU of organic dyes and pigments (except 06 11)</b>
07 03 03*	organic halogenated solvents, washing liquids and mother liquors
07 03 04*	other organic solvents, washing liquids and mother liquors
<b>07 04</b>	<b>wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides</b>
07 04 01*	aqueous washing liquids and mother liquors
07 04 03*	organic halogenated solvents, washing liquids and mother liquors
<b>07 05</b>	<b>wastes from the MFSU of pharmaceuticals</b>
07 05 01*	aqueous washing liquids and mother liquors
07 05 03*	organic halogenated solvents, washing liquids and mother liquors
07 05 04*	other organic solvents, washing liquids and mother liquors
<b>07 06</b>	<b>wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics</b>
07 06 01*	aqueous washing liquids and mother liquors
07 06 03*	organic halogenated solvents, washing liquids and mother liquors
07 06 04*	other organic solvents, washing liquids and mother liquors
<b>07 07</b>	<b>wastes from the MFSU of fine chemicals and chemical products not otherwise specified</b>

<b>Table S2.2 Permitted waste types and quantities for physico-chemical treatment of hazardous waste by (AR1) and repackaging (AR2).</b>	
<b>Maximum quantity</b>	The maximum annual throughput of waste for the site shall not exceed 28,350 tonnes for all activities in aggregate.
<b>Exclusions</b>	Notwithstanding the waste types listed below, wastes shall not be accepted which have any of the following characteristics: HP1, HP9, HP15 and HP16
<b>Waste code</b>	<b>Description</b>
07 07 01*	aqueous washing liquids and mother liquors
07 07 03*	organic halogenated solvents, washing liquids and mother liquors
07 07 04*	other organic solvents, washing liquids and mother liquors
<b>8</b>	<b>WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS</b>
<b>08 01</b>	<b>wastes from MFSU and removal of paint and varnish</b>
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
08 01 21*	waste paint or varnish remover
<b>08 03</b>	<b>wastes from MFSU of printing inks</b>
08 03 12*	waste ink containing hazardous substances
08 03 16*	waste etching solutions
08 03 17*	waste printing toner containing hazardous substances
<b>08 04</b>	<b>wastes from MFSU of adhesives and sealants (including waterproofing products)</b>
08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances
<b>9</b>	<b>WASTES FROM THE PHOTOGRAPHIC INDUSTRY</b>
<b>09 01</b>	<b>wastes from the photographic industry</b>
09 01 01*	water-based developer and activator solutions
09 01 02*	water-based offset plate developer solutions
09 01 03*	solvent-based developer solutions
09 01 04*	fixer solutions
09 01 05*	bleach solutions and bleach fixer solutions

<b>Table S2.2 Permitted waste types and quantities for physico-chemical treatment of hazardous waste by (AR1) and repackaging (AR2).</b>	
<b>Maximum quantity</b>	<b>The maximum annual throughput of waste for the site shall not exceed 28,350 tonnes for all activities in aggregate.</b>
<b>Exclusions</b>	Notwithstanding the waste types listed below, wastes shall not be accepted which have any of the following characteristics:  HP1, HP9, HP15 and HP16
<b>Waste code</b>	<b>Description</b>
<b>10</b>	<b>WASTES FROM THERMAL PROCESSES</b>
<b>10 04</b>	<b>wastes from lead thermal metallurgy</b>
10 04 05*	other particulates and dust
<b>10 09</b>	<b>wastes from casting of ferrous pieces</b>
10 09 13*	waste binders containing hazardous substances
10 09 15*	waste crack-indicating agent containing hazardous substances
<b>10 10</b>	<b>wastes from casting of non-ferrous pieces</b>
10 10 13*	waste binders containing hazardous substances
10 10 15*	waste crack-indicating agent containing hazardous substances
<b>11</b>	<b>WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY</b>
<b>11 01</b>	<b>wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphatising, alkaline degreasing, anodising)</b>
11 01 05*	pickling acids
11 01 06*	acids not otherwise specified
11 01 07*	pickling bases
11 01 08*	phosphatising sludges
11 01 11*	aqueous rinsing liquids containing hazardous substances
<b>14</b>	<b>WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (except 07 and 08)</b>
<b>14 06</b>	<b>waste organic solvents, refrigerants and foam/aerosol propellants</b>
14 06 03*	other solvents and solvent mixtures
14 06 04*	sludges or solid wastes containing halogenated solvents

<b>Table S2.2 Permitted waste types and quantities for physico-chemical treatment of hazardous waste by (AR1) and repackaging (AR2).</b>	
<b>Maximum quantity</b>	<b>The maximum annual throughput of waste for the site shall not exceed 28,350 tonnes for all activities in aggregate.</b>
<b>Exclusions</b>	Notwithstanding the waste types listed below, wastes shall not be accepted which have any of the following characteristics:  HP1, HP9, HP15 and HP16
<b>Waste code</b>	<b>Description</b>
14 06 05*	sludges or solid wastes containing other solvents
<b>15</b>	<b>WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED</b>
<b>15 01</b>	<b>packaging (including separately collected municipal packaging waste)</b>
15 01 10*	packaging containing residues of or contaminated by hazardous substances
<b>16</b>	<b>WASTES NOT OTHERWISE SPECIFIED IN THE LIST</b>
<b>16 05</b>	<b>gases in pressure containers and discarded chemicals</b>
16 05 06*	laboratory chemicals, consisting of or containing hazardous substances, including mixtures of laboratory chemicals
16 05 07*	discarded inorganic chemicals consisting of or containing hazardous substances
16 05 08*	discarded organic chemicals consisting of or containing hazardous substances
<b>20</b>	<b>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</b>
<b>20 01</b>	<b>separately collected fractions (except 15 01)</b>
20 01 13*	solvents
20 01 14*	acids
20 01 15*	alkalines
20 01 17*	photochemicals
20 01 27*	paint, inks, adhesives and resins containing hazardous substances

<b>Table S2.3 Permitted waste types and quantities for storage and transfer of hazardous waste (AR3)</b>	
<b>Maximum quantity</b>	<b>The maximum annual throughput of waste for the site shall not exceed 28,350 tonnes for all activities in aggregate.</b>
<b>Exclusions</b>	Notwithstanding the waste types listed below, wastes shall not be accepted which have any of the following characteristics: HP1, HP9, HP15 and HP16
<b>Waste code</b>	<b>Description</b>
<b>03</b>	<b>WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD</b>
<b>03 02</b>	<b>wastes from wood preservation</b>
03 02 05*	other wood preservatives containing hazardous substances
<b>06</b>	<b>WASTES FROM INORGANIC CHEMICAL PROCESSES</b>
<b>06 01</b>	<b>wastes from the manufacture, formulation, supply and use (MFSU) of acids</b>
06 01 03*	hydrofluoric acid
<b>06 02</b>	<b>wastes from the MFSU of bases</b>
06 02 05*	other bases
<b>06 03</b>	<b>wastes from the MFSU of salts and their solutions and metallic oxides</b>
06 03 13*	solid salts and solutions containing heavy metals
06 03 15*	metallic oxides containing heavy metals
<b>06 04</b>	<b>metal-containing wastes other than those mentioned in 06 03</b>
06 04 03*	wastes containing arsenic
<b>07</b>	<b>WASTES FROM ORGANIC CHEMICAL PROCESSES</b>
<b>07 04</b>	<b>wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides</b>
07 04 04*	other organic solvents, washing liquids and mother liquors
<b>07 07</b>	<b>wastes from the MFSU of fine chemicals and chemical products not otherwise specified</b>
07 07 10*	other filter cakes and spent absorbents
<b>16</b>	<b>WASTES NOT OTHERWISE SPECIFIED IN THE LIST</b>
<b>16 09</b>	<b>oxidising substances</b>
16 09 01*	permanganates, for example potassium permanganate
16 09 02*	chromates, for example potassium chromate, potassium or sodium dichromate
16 09 03*	peroxides, for example hydrogen peroxide

<b>Table S2.4 Permitted waste types and quantities for Non-Hazardous waste treatment (AR9)</b>	
<b>Maximum quantity</b>	The maximum annual throughput of waste for the site shall not exceed 28,350 tonnes for all activities in aggregate.
<b>Waste code</b>	<b>Description</b>
<b>2</b>	<b>WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING</b>
<b>02 03</b>	wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation
02 03 02	wastes from preserving agents
02 03 04	materials unsuitable for consumption or processing
<b>02 05</b>	<b>wastes from the dairy products industry</b>
02 05 01	materials unsuitable for consumption or processing
<b>02 06</b>	<b>wastes from the baking and confectionery industry</b>
02 06 01	materials unsuitable for consumption or processing
<b>02 07</b>	<b>wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)</b>
02 07 03	wastes from chemical treatment
02 07 04	materials unsuitable for consumption or processing
<b>4</b>	<b>WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES</b>
<b>04 02</b>	<b>wastes from the textile industry</b>
04 02 17	dyestuffs and pigments other than those mentioned in 04 02 16
<b>6</b>	<b>WASTES FROM INORGANIC CHEMICAL PROCESSES</b>
<b>06 03</b>	<b>wastes from the MFSU of salts and their solutions and metallic oxides</b>
06 03 16	metallic oxides other than those mentioned in 06 03 15
<b>06 06</b>	<b>wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes</b>
06 06 03	wastes containing sulphides other than those mentioned in 06 06 02
<b>06 11</b>	<b>wastes from the manufacture of inorganic pigments and opacifiers</b>
06 11 01	calcium-based reaction wastes from titanium dioxide production

<b>Table S2.4 Permitted waste types and quantities for Non-Hazardous waste treatment (AR9)</b>	
<b>Maximum quantity</b>	<b>The maximum annual throughput of waste for the site shall not exceed 28,350 tonnes for all activities in aggregate.</b>
<b>Waste code</b>	<b>Description</b>
<b>7</b>	<b>WASTES FROM ORGANIC CHEMICAL PROCESSES</b>
<b>07 02</b>	<b>wastes from the MFSU of plastics, synthetic rubber and man-made fibres</b>
07 02 13	waste plastic
07 02 15	wastes from additives other than those mentioned in 07 02 14
<b>07 05</b>	<b>wastes from the MFSU of pharmaceuticals</b>
07 05 14	solid wastes other than those mentioned in 07 05 13
<b>8</b>	<b>WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS</b>
<b>08 01</b>	<b>wastes from MFSU and removal of paint and varnish</b>
08 01 12	waste paint and varnish other than those mentioned in 08 01 11
<b>08 02</b>	<b>wastes from MFSU of other coatings (including ceramic materials)</b>
08 02 01	waste coating powders
08 02 03	aqueous suspensions containing ceramic materials
<b>08 03</b>	<b>wastes from MFSU of printing inks</b>
08 03 08	aqueous liquid waste containing ink
08 03 13	waste ink other than those mentioned in 08 03 12
08 03 18	waste printing toner other than those mentioned in 08 03 17
<b>08 04</b>	<b>wastes from MFSU of adhesives and sealants (including waterproofing products)</b>
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09
<b>10</b>	<b>WASTES FROM THERMAL PROCESSES</b>
<b>10 07</b>	<b>wastes from silver, gold and platinum thermal metallurgy</b>
10 07 04	other particulates and dust
<b>10 08</b>	<b>wastes from other non-ferrous thermal metallurgy</b>
10 08 04	particulates and dust

<b>Table S2.4 Permitted waste types and quantities for Non-Hazardous waste treatment (AR9)</b>	
<b>Maximum quantity</b>	<b>The maximum annual throughput of waste for the site shall not exceed 28,350 tonnes for all activities in aggregate.</b>
<b>Waste code</b>	<b>Description</b>
10 08 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17
<b>10 09</b>	<b>wastes from casting of ferrous pieces</b>
10 09 14	waste binders other than those mentioned in 10 09 13
10 09 16	waste crack-indicating agent other than those mentioned in 10 09 15
<b>10 10</b>	<b>wastes from casting of non-ferrous pieces</b>
10 10 14	waste binders other than those mentioned in 10 10 13
<b>10 11</b>	<b>wastes from manufacture of glass and glass products</b>
10 11 05	particulates and dust
<b>10 12</b>	<b>wastes from manufacture of ceramic goods, bricks, tiles and construction products</b>
10 12 03	particulates and dust
<b>11</b>	<b>WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY</b>
<b>11 01</b>	<b>wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphatising, alkaline degreasing, anodising)</b>
11 01 12	aqueous rinsing liquids other than those mentioned in 11 01 11
<b>15</b>	<b>WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED</b>
<b>15 01</b>	<b>packaging (including separately collected municipal packaging waste)</b>
15 01 01	paper and cardboard packaging
15 01 02	plastic packaging
15 01 04	metallic packaging
15 01 05	composite packaging
15 01 06	mixed packaging
<b>16</b>	<b>WASTES NOT OTHERWISE SPECIFIED IN THE LIST</b>

<b>Table S2.4 Permitted waste types and quantities for Non-Hazardous waste treatment (AR9)</b>	
<b>Maximum quantity</b>	<b>The maximum annual throughput of waste for the site shall not exceed 28,350 tonnes for all activities in aggregate.</b>
<b>Waste code</b>	<b>Description</b>
<b>16 05</b>	<b>gases in pressure containers and discarded chemicals</b>
16 05 09	discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08
<b>20</b>	<b>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</b>
<b>20 01</b>	<b>separately collected fractions (except 15 01)</b>
20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27

## Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter (Note 1)	Limit (incl. unit)	Reference Period (Note 2)	Monitoring frequency (Note 4)	Monitoring standard or method
A1 – Emission Point from HDPE material Shredder & Granulation Room and on-site Effluent Treatment Plant via abatement system to be agreed upon completion of IC10. via local exhaust ventilation (LEV) extraction as shown on the plan in Schedule 7	Shredder & Granulation Room and on-site Effluent Treatment Plant via abatement system to be agreed upon completion of IC10.	Dust	5 mg/m <sup>3</sup>	Average value of 3 consecutive measurements of at least 30 minutes each	Every 6 months	BS EN 13284-1
		Ammonia (NH <sub>3</sub> )	No limit set (Note 3)	Average value of 3 consecutive measurements of at least 30 minutes each (Note 4)	Every 6 months (Note 3)	EN ISO 21877
		Total Volatile Organic Compounds (TVOCs)	No limit set (Note 3)	Average value of 3 consecutive measurements of at least 30 minutes each	Every 6 months (Note 3)	EN 12619
A2 – Emission Point from Top Cap Removal Area via local exhaust ventilation (LEV) extraction as shown on the plan in Schedule 7	Top Cap Removal Area via abatement system to be agreed upon completion of IC10.	No parameter set	No limit set	-	-	As specified in Table S3.4
A3 – Residue Scraping and repackaging Emission Point via local exhaust	Residue Scraping Area via abatement system to be agreed upon	No parameter set	No limit set	-	-	As specified in Table S3.4

<b>Table S3.1 Point source emissions to air – emission limits and monitoring requirements</b>						
<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter (Note 1)</b>	<b>Limit (incl. unit)</b>	<b>Reference Period (Note 2)</b>	<b>Monitoring frequency (Note 4)</b>	<b>Monitoring standard or method</b>
ventilation (LEV) extraction as shown on the plan in Schedule 7	completion of IC10.					
<p>Note 1: In addition the operator shall also monitor for relevant waste gas parameters as required: flow, temperature, average concentration/load values of relevant substances (e.g. organic compounds, POPs such as PCBs) flammability, lower and upper explosive limits, reactivity and other substances which may affect gas treatment or plant safety (e.g. oxygen, nitrogen, water vapour, dust).</p> <p>Note 2: To the extent possible, the measurements shall be carried out at the highest expected emission state under normal operating conditions.</p> <p>Note 3: The monitoring [for NH<sub>3</sub> or TVOC] only applies when the substance concerned is identified as relevant in the waste gas stream based on the inventory mentioned in BAT 3.</p> <p>Note 4: Monitoring frequencies may be reduced with the written agreement of the Environment Agency if emission levels are proven to be sufficiently stable.</p>						

<b>Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements</b>						
<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter (Note 1)</b>	<b>Limit (incl. unit)</b>	<b>Reference Period (Note 2)</b>	<b>Monitoring frequency (Note 5)</b>	<b>Monitoring standard or method</b>
SW1 on site drainage plan in schedule 7 emission to River Ryton	Uncontaminated site source water from roofs and non-operational areas	Oil or Grease	None visible	-	Daily	Visual assessment
SW2 on site drainage plan in schedule 7 emission to River Ryton	Uncontaminated site source water from roofs and non-operational areas	Oil or Grease	None visible	-	Daily	Visual assessment
SW3 on site drainage plan in schedule 7 emission to River Ryton	Uncontaminated site source water from roofs and non-operational areas	Oil or Grease	None visible	-	Daily	Visual assessment
SW4 on site drainage plan in schedule 7 emission to River Ryton	Uncontaminated site source water from roofs and non-operational areas	Oil or Grease	None visible	-	Daily	Visual assessment

**Table S3.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site – emission limits and monitoring requirements**

<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter (Note 1)</b>	<b>Limit (incl. unit) (Note 6)</b>	<b>Reference period (Note 2)</b>	<b>Monitoring frequency (Note 4)</b>	<b>Monitoring standard or method</b>
FW1 - Emissions point FW1 on site drainage plan in schedule 7 – emission to Worksop Manton Sewage Treatment Works	Uncontaminated site source water from roofs and non-operational areas	Oil or Grease	None visible	-	Daily	Visual assessment
FW2 - Emissions point FW2 on site drainage plan in schedule 7 – emission to Worksop Manton Sewage Treatment Works	Uncontaminated site source water from roofs and non-operational areas	Oil or Grease	None visible	-	Daily	Visual assessment

**Table S3.4 Process monitoring requirements**

<b>Emission point reference or source or description of point of measurement</b>	<b>Parameter</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>	<b>Other Specifications</b>
Abatement as agreed under IC10 on emission points A1, A2 and A3 from treatment plant.	Efficiency assessment	As specified in the agreed abatement plan agreed under IC10.	Abatement shall be installed, maintained, operated and replaced in accordance with the manufacturer's recommendations and with the agreed abatement plan outlined in IC10.	-

## Schedule 4 – Reporting 14

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

<b>Table S4.1 Reporting of monitoring data</b>			
<b>Parameter</b>	<b>Emission or monitoring point/reference</b>	<b>Reporting period</b>	<b>First period begins</b>
Emissions to air Parameters as required by condition 3.5.1.	A1, A2, A3	Every 6 months or as agreed in writing by the Environment Agency.	1 January
Emissions to water Parameters as required by condition 3.5.1	SW1, SW2, SW3, SW4	Every 6 months	1 January
Emissions to sewer Parameters as required by condition 3.5.1	FW1, FW2	Annually	1 January
Process monitoring Parameters as required by condition 3.5.1	As agreed in writing by the Environment Agency.	Annually, or as agreed in writing by the Environment Agency.	1 January

<b>Table S4.2 Annual production/treatment</b>	
<b>Parameter</b>	<b>Units</b>
Hazardous waste treated - Recovery	tonnes
Hazardous waste treated - Disposal	tonnes
Non-hazardous waste treated - Recovery	tonnes
Non-hazardous waste treated - Disposal	tonnes
End of waste produced	tonnes

<b>Table S4.3 Performance parameters</b>		
<b>Parameter</b>	<b>Frequency of assessment</b>	<b>Units</b>
Water usage	Annually	cubic metres
Energy usage	Annually	MWh
Total raw material used	Annually	tonnes

<b>Table S4.4 Reporting forms</b>		
<b>Media/parameter</b>	<b>Reporting format</b>	<b>Date of form</b>
Emissions to air	Emissions to Air Reporting Form: version 1 or other form as agreed in writing by the Environment Agency	08/03/2021
Emissions to water and land	Emissions to Water Reporting Form: version 1 or other form as agreed in writing by the Environment Agency	08/03/2021
Emissions to sewer	Emissions to Sewer Reporting Form: version 1 or other form as agreed in writing by the Environment Agency	08/03/2021

<b>Table S4.4 Reporting forms</b>		
<b>Media/parameter</b>	<b>Reporting format</b>	<b>Date of form</b>
Water usage	Water Usage Reporting Form: version 1 or other form as agreed in writing by the Environment Agency	08/03/2021
Energy usage	Energy Usage Reporting Form: version 1 or other form as agreed in writing by the Environment Agency	08/03/2021
Other performance indicators	Other Performance Parameters Reporting Form: version 1 or other form as agreed in writing by the Environment Agency	08/03/2021

# 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	

<b>(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</b>	
<b>To be notified within 24 hours of detection</b>	
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>(b) Notification requirements for the breach of a limit</b>	
<b>To be notified within 24 hours of detection unless otherwise specified below</b>	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	

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

<b>Time periods for notification following detection of a breach of a limit</b>	
<b>Parameter</b>	<b>Notification period</b>

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

<b>(d) Notification requirements for the detection of any significant adverse environmental effect</b>	
<b>To be notified within 24 hours of detection</b>	
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.

“blending or mixing” is the combination of wastes (other than repackaging) of the same general type (for example non-halogenated solvents or acids) having similar characteristics, in a container or bulk vessel or tank, where there is neither reaction of the mixed wastes nor evolution of gas.

“building” is a covered structure enclosed on all vertical sides that provides sheltered cover and contains emissions of, for example, noise, particulate matter, odour and litter.

“container” is a receptacle for waste for example bags, bins, boxes, drums, IBCs and blister packs. Wastes may be packaged in more than one receptacle for example a bag in a box.

“D” means a disposal operation provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on Waste.

“disposal” means any of the operations provided for in Annex I to the Waste Framework Directive.

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

“emissions to land” includes emissions to groundwater.

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

“fugitive emission” means an emission to air, water or land from the activities which is not controlled by an emission limit.

“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.

“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, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“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.

“pollution” includes pollution of the environment, harm to human health and serious detriment to the amenities of the locality, resulting from the permitted activities.

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

“R” means a recovery operation provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on Waste.

“recovery” means any of the operations provided for in Annex II to the Waste Framework Directive.

“sealed drainage” in relation to an impermeable surface means a drainage system with impermeable components which does not leak and which will ensure that:

- no liquid will run off the surface otherwise than via the system, and except where they may lawfully be discharged to foul sewer, all liquids entering the system are collected in a sealed sump

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

“waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk.

“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“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

When the following terms appear in the waste code list in Schedule 2, table S2.2, S2.3 and S2.4, for those tables, they have the meaning given below:

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

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

“PCBs” means.

- polychlorinated biphenyls
- polychlorinated terphenyls
- monomethyl-tetrachlorodiphenyl methane, Monomethyl-dichloro-diphenyl methane, Monomethyl dibromo diphenyl methane
- any mixture containing any of the above mentioned substances in a total of more than 0.005% by weight.

# Schedule 7 – Site plan

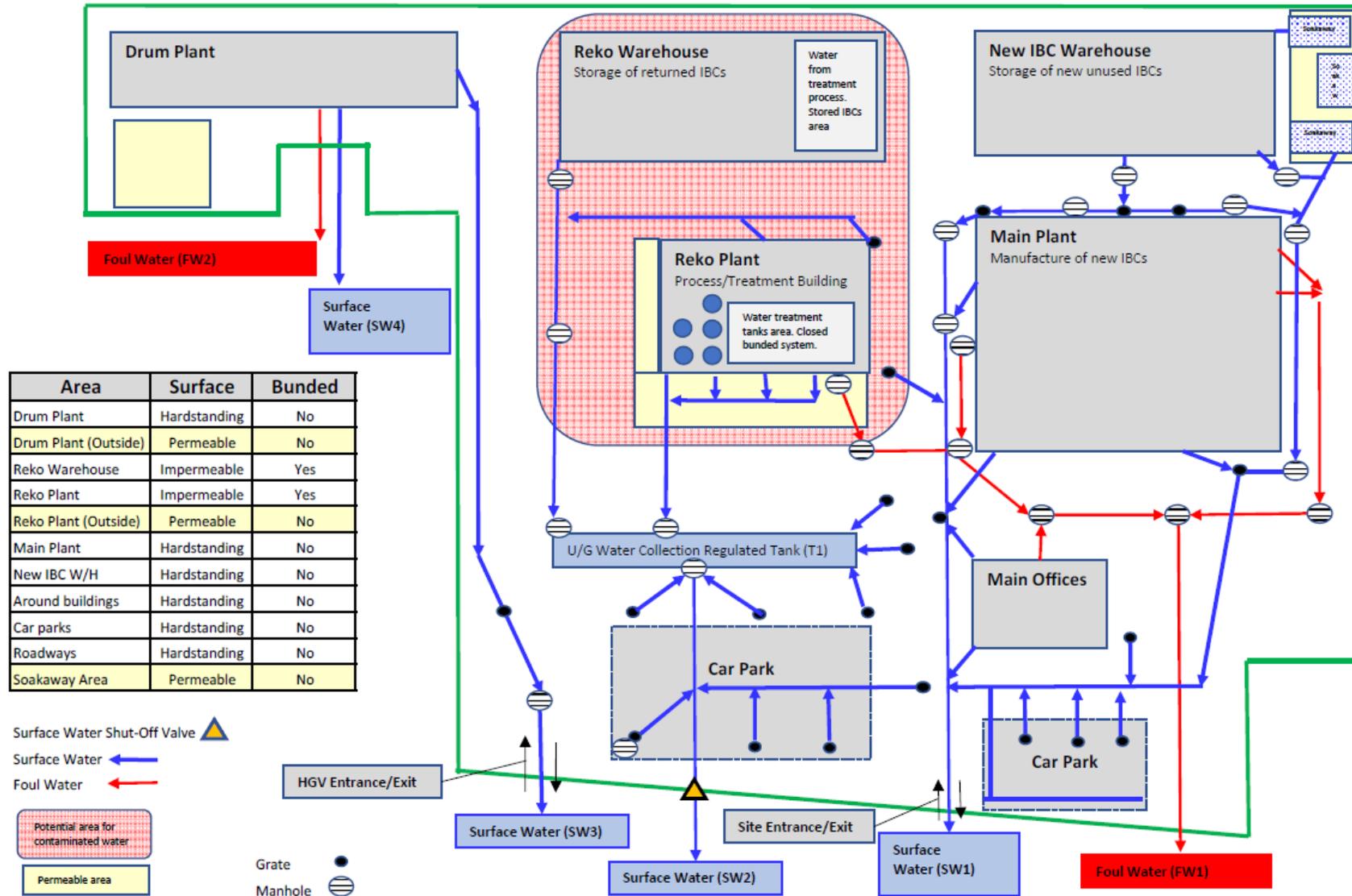
Figure 1: Site location and permit boundary



Figure 2: Site Layout Plan including air emission points



Figure 3: Site drainage plan including water emission points



END OF PERMIT



**Signed:** [Name]      **Date:** [DD/MM/YY]

(Authorised to sign as representative of the operator)

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**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.

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.

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.

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.

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



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

**Signed:** [Name]      **Date:** [DD/MM/YY]

(Authorised to sign as representative of the operator)

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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.

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.

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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.

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

# Process Monitoring Form

**Permit number:** [EPR/AB1234CB]

**Operator:** [A Company Name Limited]

**Facility name:** [Unit A, Anytown]

**Process Monitoring Form: version 1, 08/03/2021**

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

<b>Monitoring point description or source</b>	<b>Parameter</b>	<b>Reference period</b>	<b>Test method <sup>1</sup></b>	<b>Result <sup>2</sup></b>	<b>Sample dates and times <sup>3</sup></b>	<b>Uncertainty <sup>4</sup></b>
[e.g. Condenser V 2345]	[e.g. cooling water outlet temperature]	[e.g. instantaneous]	[if applicable]	[State result]	[State relevant dates and time periods]	[if applicable]

<b>Operator's comments</b>

<b>Operator's comments</b>

**Signed:** [Name]      **Date:** [DD/MM/YY]

(Authorised to sign as representative of the operator)

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**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.

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.

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.

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.

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/AB1234CB]

Operator: [A Company Name Limited]

Facility name: [Unit A, Anytown]

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

Reporting of water usage for the year [YYYY]

Water source	Water usage (m <sup>3</sup> )	Specific water usage (m <sup>3</sup> /unit) <sup>2</sup>
Mains water	[insert annual usage in m3 where mains water is used]	[insert annual usage in m3/unit where mains water is used]
Site borehole	[insert annual usage in m3 where water is used from a site borehole]	[insert annual usage in m3/unit where water is used from a site borehole]
River abstraction	[insert annual usage in m3 where abstracted river water is used]	[insert annual usage in m3/unit where abstracted river water is used]
Other – [specify other water source where applicable. Add extra rows where needed]	[insert annual usage in m3 where applicable]	[insert annual usage in m3/unit where applicable]
Total water usage	[insert total annual water usage in m3]	[insert total annual water usage in m3/unit]

Operator's comments



## Energy Usage Reporting Form

**Permit number:** [EPR/AB1234CB]

**Operator:** [A Company Name Limited]

**Facility name:** [Unit A, Anytown]

**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) <sup>2</sup>
Electricity imported as delivered - source [specify source, e.g. supplied from the national grid]	[insert annual consumption in MWh where electricity is imported]	[insert annual consumption in MWh/unit where electricity is imported]
Electricity imported as primary energy 1 – conversion factor of [specify conversion factor used to convert electricity delivered to primary energy]	[insert annual consumption in MWh where electricity is imported]	[insert annual consumption in MWh/unit where electricity is imported]
Natural gas	[insert annual consumption in MWh where natural gas is used]	[insert annual consumption in MWh/unit where natural gas is used]
Gas oil – conversion factor of [specify conversion factor used to convert tonnes to MWh]	[insert annual consumption in MWh where gas oil is used]	[insert annual consumption in MWh/unit where gas oil is used]
Imported heat	[insert annual consumption in MWh where heat is imported]	[insert annual consumption in MWh/unit where heat is imported]
Other – [specify other energy source and conversion factors where applicable, e.g. renewable fuel. Add extra rows where needed]	[insert annual consumption in MWh where applicable]	[insert annual consumption in MWh/unit where applicable]

Energy source	Energy consumption / production (MWh)	Specific energy consumption (MWh/unit) <sup>2</sup>
Electricity exported	[insert annual production in MWh where electricity is exported]	Not applicable
Heat exported	[insert annual production in MWh where heat is exported]	Not applicable

Operator's comments

**Signed:** [Name]      **Date:** [DD/MM/YY]

(Authorised to sign as representative of the operator)

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**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.

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.

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

## Other Performance Parameters Reporting Form

**Permit number:** [EPR/AB1234CB]

**Operator:** [A Company Name Limited]

**Facility name:** [Unit A, Anytown]

**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
[e.g. Total raw material usage]	[e.g. tonnes per production unit]

Operator's comments

<b>Operator's comments</b>

**Signed:** [Name] **Date:** [DD/MM/YY]

(Authorised to sign as representative of the operator)

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**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.