

Non-Technical Summary

Prepared on Behalf of:

Swindon Metal Recycling Limited

Site Name:

Marshgate Works

Unit B Marshgate

Swindon

Wiltshire

SN1 2PA

Environmental Permit:

GB403TV

DOCUMENT CONTROL SHEET

Site:	Swindon Metal Recycling Limited
Project:	Bespoke Permit Variation Application
Title	Non-Technical Summary
Issue	1.1
Date	10.09.25
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1 Introduction

1.1 Permit Application

1.1.1 This Environmental Permit Application is submitted to the Environment Agency by the operator, Swindon Metal Recycling Limited under the requirements of the Environmental Permitting (England and Wales) Regulations as amended in 2016. It is a requirement of these Regulations that a Non-Technical Summary accompanies the application.

1.1.2 Application Proposals:

- Conversion of an existing Standard Rules Permit into a Bespoke Permit.
- Update the Permit to reflect the proposed Waste Exemption changes to include the include the manual/mechanical management of WEEE Wastes (currently authorised under a S2 Exemption), which will include the storage/ and treatment (handheld equipment only) of hazardous WEEE wastes and the mechanical processing of non-hazardous WEEE wastes (large domestic appliances).
- Update the Permit to reflect the proposed Waste Exemption changes to include the include the manual/mechanical management of Scrap Metals (currently authorised under a T9 Exemption).
- Authorise the acceptance, storage and transfer of Inert Wastes and HCI Wastes. We would note that 20 03 01 wastes only relate to wastes from household clearances not black bag wastes.
- Update the lists of EWC Codes to reflect the changes proposed.
- Increase the annual tonnage of the site to 45,000 tonnes per annum, which will include 25,000 tonnes for Scrap Metals and 2,000 tonnes for WEEE Wastes, 13,000 tonnes for End-of-Life Vehicles and 5,000 tonnes for HCI Wastes.

1.1.3 The site is located at Swindon Metal Recycling Limited, Marshgate Works, Unit B Marshgate, Swindon, Wiltshire, SN1 2PA. National Grid Reference SU 16820 85563.

1.2 Site Setting

1.2.1 The site is surrounded by commercial and industrial activities (North/East/South/West) that would not be deemed sensitive and no sensitive environmental receptors are within 1000 metres of the site. The nearest residential dwellings is over 200 metres away from the site (West).

1.3 Technical Competency

1.3.1 Evidence of the necessary TCM in the form of COTC certificates has been submitted in support of this application.

2 Risk Assessment & Management

- 2.1.1 An Environmental Risk Assessment has been produced and submitted in support of this application. The risk assessment details the key management measures for the protection of the environment, which includes fugitive emissions, noise & vibration, odour, litter, pests, scavenging birds, land contamination and fugitive water emissions.
- 2.1.2 Supporting Management Documentation:
1. Environmental Risk Assessment;
 2. Fire Prevention Plan; and
 3. Environmental Management System.
- 2.1.3 Swindon Metal Recycling Limited operates their site to an Environmental Management System (EMS) has been developed to reflect and control site operations. The EMS contains all the necessary requirements as detailed in the ‘Development a management system: Environmental Permits Gov.uk Guidance’, which includes, but is not limited to the operational, maintenance, training, and emergency procedures. A copy of the EMS has been submitted in support of this application.

2.2 Permitted Waste Types

- 2.2.1 The proposed application also seeks to vary the Permit to include the following EWC Codes, which will be subject to the waste management operations as detailed in the Environmental Permit.

Table 1: Proposed WEEE Waste Codes

16 WASTES NOT OTHERWISE SPECIFIED IN THE LIST	
16 02	WASTES FROM ELECTRICAL AND ELECTRONIC EQUIPMENT
16 02 13*	DISCARDED EQUIPMENT CONTAINING HAZARDOUS COMPONENTS OTHER THAN THOSE MENTIONED IN 16 02 09 TO 16 02 12
16 02 14	DISCARDED EQUIPMENT OTHER THAN THOSE MENTIONED IN 16 02 09 TO 16 02 13
16 02 15*	HAZARDOUS COMPONENTS REMOVED FROM DISCARDED EQUIPMENT
16 02 16	COMPONENETS REMOVED FROM DISCARDED EQUIPMENT OTHER THAN THOSE MENTIONED IN 16 02 15
20 MUNICIPAL WASTE AND SIMILAR MATERIALS FROM COMMERCE AN INDUSTRY	
20 01	SEPARATELY COLLECTED FRACTIONS
20 01 35*	DISCARDED ELECTRICAL AND ELECTRONIC EQUIPMENT OTHER THAN THOSE MENTIONED IN 20 01 21 AND 20 01 23 AND 20 01 35.
20 01 36	DISCARDED ELECTRICAL AND ELECTRONIC EQUIPMENT OTHER THAN THOSE MENTIONED IN 20 01 21, 20 01 23 AND 20 01 35

Table 2: Proposed Scrap Metal Waste Codes

12 SHAPING/PHYSICAL TREATMENT OF METALS/PLASTICS	
12 01	WASTES FROM SHAPING AND PHYSICAL AND MECAHNICAL SURFACE TREATMENT OF METALS AND PLASTICS
12 01 01	FERROUS METAL FILINGS AND TURNINGS
12 01 03	NON FERROUS METAL FILINGS AND TURNINGS
15 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	
15 01	PACKAGING (INCLUDING SEPARATELY COLLECTED MUNICIPAL PACKAGING WASTE)
15 01 04	METALLIC PACKAGING
16 WASTES NOT OTHERWISE SPECIFIED IN THE LIST	
16 01	END -OF- LIFE VEHICLES FROM DIFFERENT MEANS OF TRANSPORT (INCLUDING OFF -ROAD MACHINERY) AND WASTES FROM DISMANTLING OF END -OF -LIFE VEHICLES AND VEHICLE MAINTENANCE (EXCEPT 13, 14, 16 06 AND 16 08)
16 01 17	FERROUS METAL
16 01 08	NON-FERROUS METAL
16 01 21*	HAZARDOUS COMPONENTS
16 01 22	COMPONENTS NOT OTHERWISE SPECIFIED
16 06	BATTERIES AND AACUMULATORS
16 06 01*	LEAD ACID BATTERIES
16 06 04	ALKALINE BATTERIES (EXCEPT 16 06 03)
16 06 05	OTHER BATTERIES AND ACCUMULATORS
17 CONSTRUCTION AND DEMOLITION WASTE (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	
17 04	METALS (INCLUDING THEIR ALLOYS)
17 04 01	COPPER, BRONZE, BRASS
17 04 02	ALUMINIUM
17 04 03	LEAD
17 04 04	ZINC
17 04 05	IRON AND STEEL
17 04 06	TIN
17 04 07	MIXED METALS
17 04 10*	CABLES CONTAINING OIL, COAL TAR AND OTHER HAZARDOUS SUBSTANCES (EXCLUDING CABLE CONTAINING OIL AND COAL TAR)
17 04 11	CABLES OTHER THAN THOSE MNENTIONED IN 17 04 10
19 WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION/INDUSTRIAL USE	
19 12	WASTES FROM THE MECHANICAL TREATMENT OF WASTE (FOR EXAMPLE SORTING, CRUSHING, COMPACTING, PELLETISING) NOT OTHERWISE SPECIFIED
19 12 02	FERROUS METAL
19 12 03	NON-FERROUS METAL
20 MUNICIPAL WASTE AND SIMILAR MATERIALS FROM COMMERCE AN INDUSTRY	
20 01	SEPARATELY COLLECTED FRACTIONS (EXCEPT 15 01)
20 01 34	BATTERIES AND ACCUMULATORS OTHER THAN THOSE MENTIONED IN 20 01 33
20 01 40	METALS

Table 3: Proposed HCI & Inert Waste Codes

17 CONSTRUCTION AND DEMOLITION WASTE (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	
17 01	CONCRETE, BRICKS, TILES AND CERAMICS
17 01 01	CONCRETE
17 01 02	BRICKS
17 01 03	TILES AND CERAMICS
17 01 07	MIXTURES OF CONCRETE, BRICKS, TILES AND CERAMICS OTHER THAN THOSE MENTIONED IN 17 01 06*
17 05	SOIL (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES), STONES AND DREDGING SPOIL
17 05 04	SOIL AND STONE OTHER THAN THOSE MENTIONED IN 17 05 03
17 09	OTHER CONSTRUCTION AND DEMOLITION WASTES
17 09 04	MIXED CONSTRUCTION AND DEMOLITION WASTES OTHER THAN THOSE MENTIONED IN 17 09 01, 1709 02 AND 17 09 03
19 WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION/INDUSTRIAL USE	
19 12	WASTES FROM THE MECHANICAL TREATMENT OF WASTE (FOR EXAMPLE SORTING, CRUSHING, COMPACTING, PELLETISING) NOT OTHERWISE SPECIFIED
19 12 12	OTHER WASTES (INCLUDING MIXTURES OF MATERIALS) FROM MECHANICAL TREATMENT OF WASTES OTHER THAN THOSE MENTIONED IN 19 12 11
20 MUNICIPAL WASTE AND SIMILAR MATERIALS FROM COMMERCE AN INDUSTRY	
20 02	GARDEN AND PARK WASTES (INCLUDING CEMETERY WASTE)
20 02 02	SOIL AND STONES
20 03	OTHER MUNICIPAL WASTES
20 03 01	MIXED MUNICIPAL WASTE
20 03 07	BULKY WASTE

2.3 Waste Throughput

2.3.1 Proposed waste throughput that has not been increased overall.

Table 4: Proposed Maximum Permitted Throughput

Waste Category	Annual Tonnage
ELV ATF (Existing)	13,000
Metal Recycling Site (MRS)	25,000
WEEE ATF	2,000
HCI & Inert Wastes	5,000
Overall Tonnage Following Variation:	45,000

2.4 Specified Waste Management Operations

2.4.1 Proposed waste management operations following the consolidation of the existing Environmental Permit and the approved inclusion of WEEE Wastes are detailed below.

Table 5: Specified Waste Management Operations (Proposed Wording)

Metal Recycling	
R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Treatment consisting only of sorting, separation, grading, shearing, bailing, compaction, crushing, granulation or cutting of non- hazardous waste into different components for recovery.
R4: Recycling/reclamation of metals and metal compounds	<p>Uncontaminated ferrous, alloys & non-ferrous metals can be stored on a hardstanding surface or an impermeable surface with sealed drainage.</p> <p>There shall be no treatment of lead acid batteries, other than sorting and separating from other wastes, and repackaging for third party processing.</p> <p>Lead acid batteries shall be stored upright in containers with an acid-resistant base and, unless stored under weatherproof covering, a lid to prevent ingress of water.</p> <p>There shall be no treatment of catalytic convertors.</p> <p>Subject to any other requirements of this permit wastes shall be stored for no longer than 1 year prior to disposal or 3 years prior to recovery.</p>

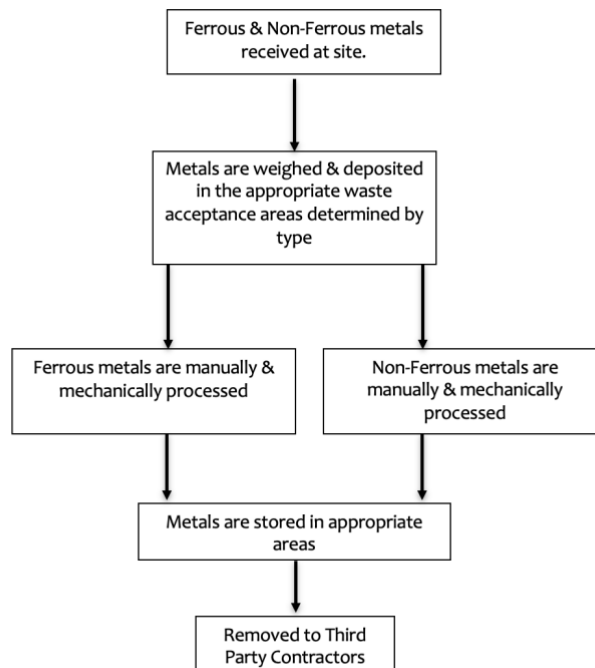


Figure 1: Operational Flow Diagram (Metals)

WEEE Recycling	
<p>R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)</p> <p>R4: Recycling/reclamation of metals and metal compounds</p> <p>D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where the waste is produced)</p>	<p>Treatment consisting only of sorting, dismantling, separation, shredding, screening, grading, baling, shearing, compacting, crushing, granulation, repair or refurbishment, or cutting of waste into different components for recovery.</p> <p>The maximum quantity of non-hazardous waste subject to a shredding operation shall not exceed 75 tonnes per day</p> <p>The maximum quantity of hazardous waste stored at the site as a whole shall not exceed 50 tonnes at any one time of which no more than 10 tonnes shall be stored for disposal. This does not include WEEE awaiting manual sorting, manual dismantling, repair, or refurbishment.</p> <p>The maximum quantity of hazardous waste treated for disposal or recovery activity shall not exceed 10 tonnes per day. This does not include the manual sorting, manual dismantling, repair, or refurbishment of WEEE.</p> <p>WEEE wastes that are hazardous, contain polluting liquids that may contaminate rainwater; or wastes that are being recovered for reuse where water may damage their suitability for reuse shall be stored and treated in a building or in areas with a weatherproof covering to prevent the ingress of water, whilst all other WEEE wastes can be stored externally.</p> <p>All WEEE wastes shall be stored and treated on an impermeable surface with sealed drainage system with provision of spillage collection facilities and, where appropriate, decanters and cleanser degreasers.</p> <p>Disassembled spare parts containing liquids shall be stored in appropriate containers.</p>

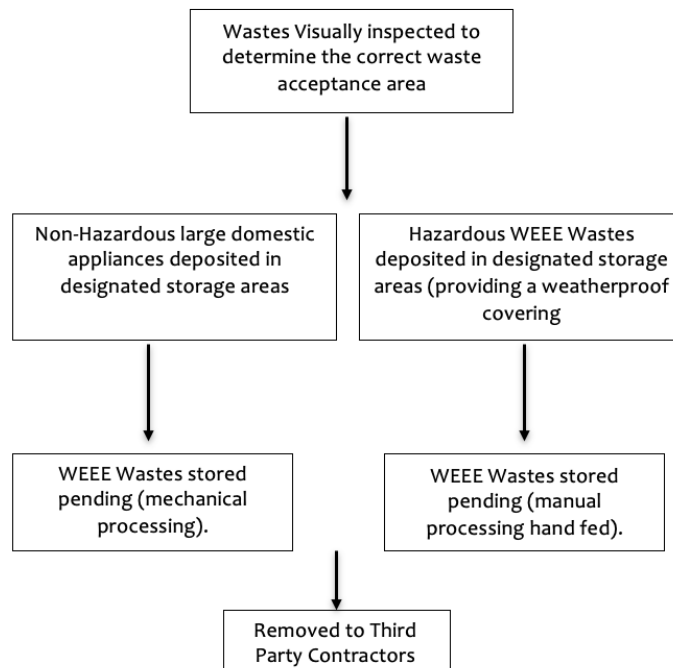


Figure 2: Operational Flow Diagram (WEEE Wastes)

HCI & Inert Transfer Station	
<p>D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where the waste is produced)</p> <p>R13: Storage of waste pending any of the operations numbered R1 to</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents</p> <p>R5: Recycling/reclamation of other inorganic materials</p>	<p>Treatment consisting only of manual sorting or manual separation of waste into different components for disposal (no more than 50 tonnes per day or recovery).</p>

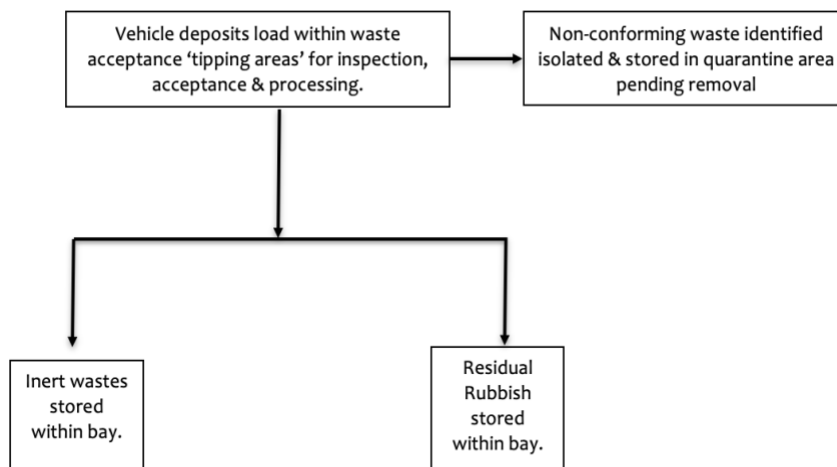


Figure 3: Operational Flow Diagram HCl & Inert Waste