

PROCEDURE TITLE: WASTE MANAGEMENT & CONTROL OF NON-CONFORMING MATERIAL / PRODUCT

PROCEDURE NUMBER: QEHSPO07

OWNER: Quality, Environment, Health and Safety

REVISION HISTORY

REV LEVEL	DATE OF ISSUE	DESCRIPTION OF CHANGE	AMENDED BY	APPROVED BY
A	27/04/06	Amd 073 New Document	K FAHY	K FAHY
B	12/10/07	AMD 109 inclusion of HMPIL	K FAHY	K FAHY
C	19/05/08	Amd 166 Inclusion of CMC	K FAHY	K FAHY
D	11/11/09	Amd 203 inclusion means of prevention of tyres of ASR	K FAHY	K FAHY
E	31/01/11	Amended to include for revised acceptance procedures for drums and tanks and disposal of ASR.	M BERGIN	P O'NEILL
F	26/04/2011	Amended to include for requirements of new Ballysimon Limerick facility permit WFP-LKC-11-001-01	MOK	M BERGIN
G	13/10/2011	Amended to include for requirements of new Galway Metal Company facility permit WFP-G-11-005-01 and Cork Metal Company facility permit WFP-CK-10-0067-01	MOK	M BERGIN
H	03/04/2013	General Review	AMcG	M BERGIN
I	28/05/2013	Amended to include for recording of hazardous materials inspections on incoming wastes	AMcG	M BERGIN
J	12/09/2013	Amended to include quality management system requirements and compliance with EU End of Waste Quality Criteria	AMcG	M BERGIN
K	20/01/2015	Annual Review	J WARD	M BERGIN

QEHS007 – Waste Management & Control of Non-Conforming Material / Product

1.0 PURPOSE

- 1.1 The purpose of this procedure is to ensure the traceability of all waste brought on site and removed from the Galway Metal Company Ltd Oranmore facility. This procedure enables the Group QEHS Manger to ensure control of transfers of waste by Galway Metal Company Ltd required under Oranmore facility Waste Permit No WFP-11-G-0005-01. This procedure also ensures quality of final product by the control and deposition of non-conforming material / products to prevent unintentional use or shipment.

2.0 SCOPE

- 2.1 This procedure applies to all waste entering and exiting the Galway Metal Company Ltd Oranmore facility. This procedure also applies to all non-conforming material / products and materials, as controlled under Quality Management system, detected within the Galway Metal Company Ltd Oranmore facility whether obtained from vendors, produced in house or in company stock.

3.0 RESPONSIBILITY

- 3.1 The execution and maintenance of this procedure is the responsibility of site General Manager and the Group QEHS manager.

4.0 REFERENCE

End of Waste Criteria - Council Regulation (EU) No 333/2011 of 31st March 2011 establishing criteria determining when certain types of scrap metal cease to be waste under Directive 2008/98/EC of the European Parliament and of the Council

BS EN ISO 14001:2004

BS OHSAS 18001:2007

BS EN ISO 9001:2008

Galway Metal Company Ltd Oranmore facility Waste Permit No WFP-11-G-0005-01

QEHS050 - Acceptance of Input Materials

QEHS052 – Monitoring of Material Product Quality

QEHS051 – Monitoring of Processes

QEHSF047 – Input Material Assessment Form

QESHF048 – Material-Product Quality Monitoring Form

5.0 PROCEDURE

- 5.1 Wastes detailed in schedules of the waste permit WFP-11-G-0005-01 can only be accepted on site.
- 5.2 For the acceptance of tanks and drums refer to EHSP001 Waste Drums and Tanks Acceptance Procedure.
- 5.3 All waste accepted on site will be subject to 5 stage inspection process as follows;
- 1) Inspection by In-coming Material Inspector (IMI) at weighbridge
 - 2) Inspection by IMI at point of tipping. For waste collections, truck drivers are instructed on acceptable wastes and are responsible to ensure no unacceptable wastes are collected.
 - 3) Inspection by supervisors, IMI and material handler crane operators during sorting and stockpiling.
 - 4) Inspection by supervisors, material handler crane operators and/or process equipment operators prior to processing, i.e. while loading process equipment.
 - 5) Inspection by material handler crane operators and/or process equipment operators during processing, i.e. during pre-shredding prior to fragmentation.
- 6.0 For materials/wastes subject to quality management system IMI will implement procedure QEHS050 Acceptance of Input Materials and identify non-conforming material and implement corrective and preventive actions.
- 6.1 For domestic deliveries waste will be characterised by IMI before tipping. An X-Ray fluorescence analyser is available on site to classify various non-ferrous and alloy metals. Visual inspections are completed on all deliveries. All commercial deliveries are pre-arranged and waste material is inspected at source and classified.
- 6.2 Details of all waste inspections, i.e. date and time of delivery, waste description including EWC code, weight, waste producer details including vehicle registration, waste consignee details and waste source are recorded on delivery docket, Revenue required data forms and weighbridge database system.
- 6.3 Wastes which are deemed not acceptable are rejected or diverted to the quarantine areas. Unacceptable wastes include pressurised vessels, tanks and drums containing oil/paint/hazardous residues and non-metallic wastes. The quarantined waste can be either held in quarantine area for disposal or for return to the source or appropriate licensed/permitted facility. Sealed containers will be used to store any quarantined waste liable to produce emissions such as dust or leachate.
- 6.4 A record of inspections for hazardous wastes for all incoming waste consignments is maintained at the weighbridge office.
- 6.5 Wastes that are deemed acceptable at weighbridge are directed to appropriate sorting/stockpiling location by IMI, i.e. ferrous and non-ferrous.
- 6.6 Interceptor management - the interceptors are cleaned and inspected by a third party licensed/permitted contractor. The details of volume and dates of cleaning are as per EHSR024 Oil Interceptor Register.
- 6.7 All waste is kept within the boundary of the site and overspill will be removed immediately. A weekly check of the boundary is carried out by the respective site General Manager or delegate.

- 6.8 Batteries and waste oils from the ATF de-pollution units are stored in appropriate containers prior to disposal by Rilta Environmental Ltd waste licence W0192-03.
- 6.9 ELV's stored for de-pollution and/or shredding will be stored in impervious hard stand areas only where any runoff is collected for treatment by silt separation and oil interceptor systems.
- 6.10 The fragmented/shredded mix which is transferred to Clearcircle Metals Limerick Ballysimon Road facility, waste permit WFP-LKC-11-001-01, where it will be processed to produce a ferrous, non-ferrous and non metallic process stream. The and non metallic process stream, i.e. Auto Shredder Residue (ASR), is recovered/disposed of at appropriately licensed/authorised waste disposal or recovery facility. To prevent the inadvertent inclusion of tyres and other unsuitable material in the ASR, End-of-Life Vehicles (ELVs) are de-polluted to EHSP020 De-Pollution of ELVs Procedure where tyres, fluid etc are removed. Cranes are used to break up crushed ELVs to allow for inspection and removal of tyres. Post fragmentation process the manual removal of tyre fragments and other unsuitable materials is conducted by two operator picking stations.
- 6.11 There is no burning of waste on the waste permitted sites with the exception of oxy-propane gas cutting torch process.
- 6.12 Refer to procedure EHSP001 for acceptance of drums and tanks and procedure EHSP028 for segregation of fragmentation plant feed.

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