

Revision: 001 No. of pages: 2 Issued by: Aaron Coyle Approved by: Sean Smith	Knockharley Landfill Limited	SOP No. EMS-OP-33 Date: 3 rd November 2021
Title: Procedure to determine the quantity of metal contamination in IBA received at Knockharley Landfill Facility and subsequent grading of same.		

Prepared by: _____

Print name Sign name Date

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1.0 Purpose

The purpose of this Standard Operating Procedure (SOP) is to determine the quantity of metal contamination in Incinerator Bottom Ash (IBA) received at Knockharley Landfill facility and the subsequent grading of same.

2.0 Responsibilities

It is the responsibility of the Facility Manager to ensure that all staff involved in the processing of IBA are informed of this SOP. It is the responsibility of the Facility Manager to ensure that the IBA received on-site is graded. It is the responsibility of the Environmental Officer to ensure that all staff involved in processing IBA are fully trained and understand this SOP.

3.0 Procedure

A 20 kg sample will be taken from the load received and analysed using a coning and quartering method. No variation from this method is permitted. Once the level of contamination has been identified it will then be categorised into 1 of 3 grades, as per Appendix 1 below. The findings of the inspection shall be recorded in the Materials Inspection Sheet as per Appendix 2 below.

4.0 Records

The Environmental Officer will be responsible for filing the Material Inspection Sheet.

Appendix 1 – Grading Categories

- Grade 1 – containing 0-2% by weight of contaminants – considered appropriate.
- Grade 2 – containing 2-4% by weight of contaminants – warning issued to the provider.
- Grade 3 - >4% by weight is deemed unsuitable for intermediate daily landfill cover material and would be notified to the provider as unsuitable and placed directly onto the landfill face. A surcharge will be applied to the supplier

Appendix 2 – IBA Material Inspection Sheet

Date	Inspected by	Grade (1, 2 or 3)	Suitable (yes/no)	Comment

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