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|  | Waste Management Arrangements | | | HSE-PR-B009-000 |
| Effective Date | 13 Jan 2025 | Process Owner | Head of HSE | Version |
| | | | | 4 |

1. Purpose

The purpose of these arrangements is to highlight how UKBIC will manage all waste generated by its processes.

2. Scope

This arrangement applies to all UKBIC employees and waste producing processes.

3. Responsibility

Managing Director

The Managing Director is responsible for the overall Health & Safety of all employees along with any Environmental impacts due to UKBIC processes. He is to ensure sufficient resources are available to achieve this.

HS&E Department

The department is to ensure suitable and sufficient regimes are in place to manage all waste products.

Process Leads

Process Leads are to ensure through periodic monitoring, that all waste from their process is managed correctly.

Logistics

Logistics are responsible for ensuring all waste is segregated and stored correctly.

UKBIC staff

All staff are to ensure they follow all guidance regarding correct disposal of waste products.


4. Process

UKBIC are committed to following all legal requirements and best available techniques regarding Waste Management. The Company's aim is to Reduce, Reuse, Recycle and only then send to Landfill. The current waste contractor is Cawley's Recycling. The following points clarify how UKBIC separate, record, and dispose of differing waste products.

Mixed Recycling (e.g. Paper, Packaging, Card, Cans, Plastic Bottles)

These items should be placed in the appropriately marked bins and when these are full, transferred to the larger outdoor bins where they will be collected. This includes waste generated in the office and is taken away by the onsite cleaning team.

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Liquid Waste (e.g. Cathode Cleaning Waste, Electrolyte Flushing)

This will usually be pumped into an IBC and labelled accordingly. For cathode mixing and cell assembly electrolyte e-fill area these are located outside in the bunded store, When a change is needed, logistics are then to be informed and they will move the IBC to the Hazardous Waste storage area where it will be secured until it is collected.

Solid Waste (e.g. Scrap Cathode/Anode Material, jelly rolls)

Scrap foils are to be segregated, copper foil in yellow bins and aluminium foil into grey bins, these foils can be coated or uncoated. Other waste products such as contaminated PPE are to be placed in the blue containers within the process areas. Logistics are to be informed when they need to be collected and they will then be secured in the Hazardous Waste Storage area until collected.

Waste / Scrap Cells

Non-Conforming Cells shall be placed into a relevant blue battery disposal bin, according to their category as below in table 1. and moved to the External Safe Storage Area(s). Whenever possible, all cells shall be discharged prior to this action. They shall be kept here for a period of 4 weeks to ensure no Thermal Issues in regard to transportation. Once this soak period has elapsed Logistics shall arrange for collection


Table 1

| | |
|---------|--|
| Level 1 | Cells with no electrolyte |
| Level 2 | Cells with electrolyte but no charge |
| Level 3 | Cells with electrolyte, that have been charged and are now discharged to 0 Volts |
| Level 4 | Cells with electrolyte and any state of charge (SOC) |
| Level 5 | Damaged or potential hazardous cells |

5. Definitions

IBC – Intermediate Bulk Container

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6. Reference & Guidance

Cawleys Standard Process & company protocol

<https://iosh.com/media/9495/lithium-batteries-and-their-safe-storage-transport-use-and-disposal-including-re-use-and-re-cycling.pdf>

7. Revision History

| Issue | Revision Date | Description of Changes | Prepared By | Approved By |
|-------|------------------|--|-------------|-------------|
| 1 | 03/06/21 | New Procedure | NP | M Cutler |
| 2 | 29 November 2022 | Reviewed | N Porter | M Cutler |
| 3 | 23 January 2023 | Updated to latest template and moved to IMS controlled doc library | A Carey | M Cutler |
| 4 | 13 Jan 2025 | Update to waste types and locations for foils and cell wastes | M Cutler | M Cutler |

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