



## SCOPE OF INTEGRATED MANAGEMENT SYSTEM

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The scope of Integrated Management System (IMS) for Associated Batteries Manufacturers (EA) Limited is structured to comply with the requirements of ISO 9001:2015 and ISO 14001: 2015 and operates in the relevant operations areas of ABM battery factory on Kampala Road, Enterprise Road, ABM Plastics Division, Nairobi and the recycling plant in Athi River Township. The system is also structured to comply with the requirements of IATF 16949: 2016 Automotive Quality Management System for the applicable processes of the ABM factory on Kampala Road.

The following internal and external environmental issues from the environmental management perspective are as follows:

- Environmental conditions related to climate, air quality, water quality, land use, existing contamination, natural resource availability and biodiversity, that can either affect the ABM's purpose, or be affected by its environmental aspects;
- The external cultural, social, political, legal, regulatory (e.g., ERC, NEMA compliance obligations and Multilateral Agreements such as the Kyoto Protocol, 1997), financial, technological, economic, natural and competitive circumstances, whether international, national, regional or local;
- The internal characteristics or conditions of the organization, such as its activities, products and services, strategic direction, culture and capabilities (i.e., people, knowledge, processes, systems).

From the QMS perspective, the organization considered external issues emanating from:

- Legal,
- Technological,
- Competitive,
- Market,
- Cultural,
- Political,
- Social, and
- Economic environments

These were also derived from international, national, regional or local.

The internal context considered issues arising from the following:

- Values
- Culture
- Knowledge and
- Performance of ABM

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PREPARED BY:  
SYSTEM COORDINATOR

REVIEWED BY:  
TECHNICAL MANAGER

APPROVED BY:  
GROUP MANAGING DIRECTOR



The IMS also took into cognizance the following interested parties to identify the needs and expectations some of which became compliance obligations while some had a direct impact on the ability of ABM to achieve conformity to the IMS:

- Owners and shareholders
- Customers,
- Employees
- External providers/Suppliers
- Trade Unions,
- Financial Institutions
- Competitors,
- Contractors
- Other countries served by ABM through Chloride Exide Limited,
- Distributors
- Statutory and regulatory bodies (e.g., NEMA, KEBS, DOSHS, KRA, KAM, FKE),
- National and County Governments,
- Local communities
- Neighbors
- Learning institutions



The activities and processes for ABM Athi River (Lead Manufacture) are as detailed below:

- Receipt of used batteries and other raw materials,
- Battery breaking, container cleaning and crushing
- Smelting
- Blending
- Refining
- Coding, Weighing and Storage
- Parts casting
- Loading and Dispatch
- Support processes such as Laboratory, Engineering, Administration, Canteen, Site and Security services.

The activities for ABM (Kampala Road) for battery manufacturing include:

- Raw material receipt (e.g., Lead Ingots and Acid),
- Gravity Grid & Continuous Casting
- Grid Curing
- Oxide Milling
- Paste Mixing
- Pasting
- Plate Curing
- Tank Formation
- Drying

- Plate Preparation
- Acid Mixing and Battery Water Manufacture
- Battery Assembly
- Jar Formation
- Finishing
- Labelling
- Storage and Dispatch
- Support processes such as Technical, Internal Audit, Supply Chain, Engineering, Finance, IT, Administration, Canteen, Site, Transport and Security services.



The activities for ABM (Plastics Division) for battery casings and related plastic products manufacturing include:

- Material receipt (e.g., Plastic resins, lead inserts and masterbatches),
- Material mixing
- Injection moulding (Plasticizing, injection, cooling & ejection processes)
- Packing
- Labelling
- Storage and Dispatch
- Support processes such as Engineering, Administration, Internal Audit, Finance, Canteen, QA, Transport and Security services.

The scope of ABM in terms of products is as detailed below:

**“Manufacture of automotive battery casings, plastic products, lead, lead-acid automotive and solar batteries, battery acid and battery water”.**

The organization also considered the lifecycle perspective for its products (from cradle to grave) and the issues were factored into the environmental aspect registers.



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### Amendment Sheet

Issue/ Rev	Date	Page	Section	Description of changes	Requested By
1/00	10/02/18	All	1.4	Scope of the IMS reviewed.	Q&CSM
1/01	20.03.16	All	All	The addition of the term 'Group' to the title of Managing Director. The change of the title for Quality & Customer Service Manager (Q&CSM) to Quality & Customer Experience Manager (Q&CXM) as per the organogram. Addition of owners & shareholders and learning institutions as part of the interested parties. Addition of the support processes such as ICT and Security.	Q&CXM
1/02	22.03.04	All	All	Change of prepared by signatory from Quality & Customer Experience (Q&CXM) to System Coordinator. Review of ABM Kampala Road activities.	System Coordinator
1/03	22.07.29	All	All	Addition of ABM Plastics Division and its activities. Addition of the reviewed by section signed by Technical Manager. Review of ABM scope in terms of products.	System Coordinator