SHIELD BATTERIES LTD

Statement of Certification on the Absence of Persistent Organic Pollutants (POPs) in Lead-Acid Batteries

To Whom It May Concern:

This document is to formally declare and certify that all lead-acid battery products manufactured under the Trade names “Sterling” and “SEC UK” and sold by Shield Batteries Ltd and its subsidiaries (hereinafter referred to as “the Company”), including but not limited to starting, motive-power and stationary types, are designed, sourced and produced without any of the Persistent Organic Pollutants (POPs) listed under the Stockholm Convention on Persistent Organic Pollutants.

The Company’s lead-acid batteries are primarily composed of the following constituents:

(1). Plates: lead (Pb), lead oxides (PbO_2, $PbSO_4$) and lead alloys (e.g., lead-calcium alloys). All are inorganic substances.

(2). Electrolyte: dilute sulfuric acid (H_2SO_4) solution, an inorganic acid containing no carbon.

(3). Separators: polyethylene (PE), polyvinyl chloride (PVC) and glass microfiber (AGM).

(4). Container & lid: acrylonitrile-butadiene-styrene (ABS) engineering plastics.

None of the above materials involve any POPs regulated under Annexes A, B or C of the Stockholm Convention, such as:

- Polychlorinated biphenyls (PCBs)
- Polybrominated biphenyls (PBBs)
- Polybrominated diphenyl ethers (PBDEs)
- Short-chain chlorinated paraffins (SCCPs)

- Perfluorooctane sulfonate (PFOS) and its derivatives
- Dioxins and related compounds 2 of 2

This statement is based on the following authoritative sources:

(1). Safety Data Sheets (SDS) for all products (available upon request), which explicitly list all hazardous components and confirm the absence of any POPs.

(2). Rigorous supply-chain controls ensuring that all raw materials—including plastics, alloys and chemicals— comply with the EU RoHS Directive (2011/65/EU) and other applicable environmental regulations.

The Company solemnly declares its ongoing commitment to producing environmentally compliant products and fulfilling corporate social responsibilities. The primary environmental risks associated with our lead-acid batteries arise from the heavy metal lead and sulfuric acid; for these, we have established a comprehensive recycling system and manage and dispose of them strictly in accordance with applicable regulations.

Name: Alan Duffy Signed: 

Title: Group Operations Manager Date: 3 December 2025