

REGULATION (EU) 2023/1542 Technical Documentation

No. TDEPMIND0002.1

This Technical Documentation is prepared according to **Module A**, “Internal Production Control”, of the conformity assessment procedures described in Annex VIII of the REGULATION (EU) 2023/1542.

General Description and Intended Use:

- **Industrial** - battery that is specifically designed for industrial uses, intended for industrial uses after having been subject to preparation for repurposing or repurposing, or any other battery that weighs more than 5kg and that is neither an electric vehicle battery, an LMT battery, nor an SLI battery

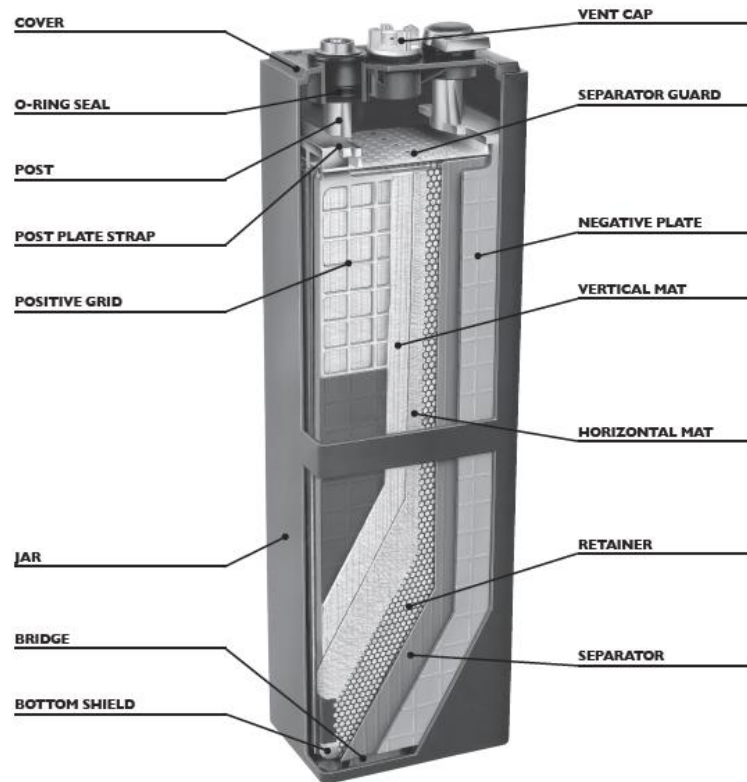


Figure 1 – conceptual design of an Industrial battery with descriptions and explanations necessary for the understanding of the drawings and schemes and the operation of the battery.

Relevant harmonized standards, or the common specifications used, or references to the other technical specifications in relation to which conformity is declared:

- EN50342-1: Lead Acid Starter Batteries (Part 1: General Requirements and Methods of Test) – Section 6.1 – C₂₀ Capacity @ 25°C
- SAE J537_202309: Storage Batteries – Section 3.6 “Reserve Capacity Test”, or Section 3.9.1 “Cold Cranking Test”
- ISO 7176 Part 25: 2022: Lead-Acid Batteries and Chargers for Powered Wheelchairs
 - o Requirements and Test Methods Stationary Lead-Acid Batteries, Section 6
- EN IEC 60079-0: 2018
 - o Explosive atmospheres – Part 0: Equipment – General requirements
- EN 60079-7:2015 / A1: 2018
 - o Explosive atmospheres – Part 7: Equipment protection by increased safety “e”

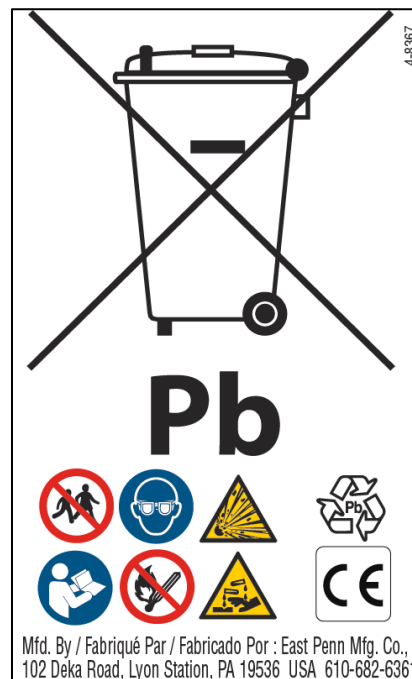


Figure 2 - a specimen of the label required in accordance with Article 13;



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Article 6, Annex I – Restrictions on substances:

Substance Name	CAS#	EC#/Index#	<0.0005% by weight?
Mercury	7439-97-6	231-152-8 and its compounds	Yes

The results of design calculations made, examinations carried out, technical or documentary evidence used; and the test reports for batteries covered under this technical documentation are available upon request and maintained at:

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