# SLOVENSKI STANDARD
# oSIST prEN IEC 60086-6:2027

**01-januar-2027**

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**Primarne baterije - 6. del: Navodilo glede okoljskih vidikov**

Primary batteries - Part 6: Guidance on environmental aspects

Primärbatterien – Teil 6: Leitfaden zu Umweltaspekten

Piles électriques - Partie 6: Recommandation sur les aspects liés à l'environnement

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**ICS:**

29.220.10 Primarni členi in baterije Primary cells and batteries

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# 35/1612/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

| | |
|---|---|
| PROJECT NUMBER: **IEC 60086-6 ED2** | |
| DATE OF CIRCULATION: **2026-11-06** | CLOSING DATE FOR VOTING: **2027-01-29** |
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| IEC TC 35 : PRIMARY CELLS AND BATTERIES | |
|---|---|
| SECRETARIAT: Japan | SECRETARY: Mr Takao Uyama |
| OF INTEREST TO THE FOLLOWING COMMITTEES: SC 3C, TC 21, SC 21A, TC 61, TC 108 | HORIZONTAL FUNCTION(S): |
| ASPECTS CONCERNED: Environment | |
| ☒ SUBMITTED FOR CENELEC PARALLEL VOTING | ☐ NOT SUBMITTED FOR CENELEC PARALLEL VOTING |

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TITLE:

**Primary batteries – Part 6: Guidance on environmental aspects**

PROPOSED STABILITY DATE: 2030

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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# Primary batteries –
# Part 6: Guidance on environmental aspects

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IEC 60086–6 has been prepared by IEC technical committee 35: Primary cells and batteries.

This second edition cancels and replaces the first edition published in 2020. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) Added A.4.5 India - The Battery Waste Management Rules
b) Added T Chemistry (TR03 & TR6) to A.4.1 and A.6.3
c) Updated A.4.1 with full list of restricted substances under China's RoHS

The text of this International Standard is based on the following documents:

| Draft | Report on voting |
|---|---|
| 35/XX/XX | 35/XX/XX |

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

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A list of all parts in the IEC 60086 series, published under the general title *Primary batteries*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

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# INTRODUCTION

Every product has some effect on the environment during its manufacture, distribution, use, and disposal. These effects can range from slight to significant; they can be short-term or long-term; and they can occur at the global, regional, or local level. Provisions in battery standards can significantly influence the extent of these environmental effects.

Environmental stewardship in the battery industry embraces a multiplicity of activities, from design, manufacturing, transportation, storage, and recycling, to disposal of the batteries.

There are often questions on the applicability of regulations to batteries. This document provides guidance on regulations applicable and not applicable to batteries, as well as procedures for measuring environmental characteristics.

Further reading:

IEC GUIDE 109:2012, *Environmental aspects – Inclusion in electrotechnical product standards*

EPBA Sustainability Report 2024, *Looking back, looking ahead, Past achievements, ongoing efforts and future perspectives of the European portable battery industry Brussels, Belgium: EPBA, 2011*

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