

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Primary batteries –
Part 5: Safety of batteries with aqueous electrolyte**

**Piles électriques –
Partie 5: Sécurité des piles à électrolyte aqueux**



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PRIMARY BATTERIES –

Part 5: Safety of batteries with aqueous electrolyte

FOREWORD

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International Standard IEC 60086-5 has been prepared by IEC Technical Committee 35: Primary cells and batteries.

This fourth edition cancels and replaces the third edition published in 2011. This edition constitutes a technical revision.

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

- a) The definition of explosion was changed to suitable sentence in order to harmonize in IEC 60086 series;
- b) To prevent removal of hydrogen gas, we revised it to the suitable sentence,
- c) To prevent misuse, the battery compartments with parallel connections were revised to the suitable sentence.
- d) To clarify the method to determine the insulation resistance.

The text of this standard is based on the following documents:

FDIS	Report on voting
35/1360/FDIS	35/1361/RVD

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

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 publication will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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