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Draft Indian Standard

PRIMARY BATTERIES - PART 3: WATCH BATTERIES

(ICS 29.220.10; 39.040.10)

Primary Cells and Batteries
Sectional Committee ETD 10

Last Date of Comments: 02 September 2024

NATIONAL FOREWORD

This draft Indian Standard (Part 3) which is identical with IEC 60086-3: 2021 'Primary batteries - Part 3: Watch batteries' issued by the International Electrotechnical Commission (IEC) will be adopted by the Bureau of Indian Standards on the recommendation of the Primary Cells and Batteries Sectional Committee and approval of the Electrotechnical Division Council.

This Standard was originally published in 1986. The first revision of this standard has been undertaken to align it with the latest version of IEC 60086-3: 2021.

The text of the IEC Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words 'International Standard' appears referring to this standard, they should be read as 'Indian Standard'.
- b) Comma (,) has been used as a decimal marker, while in Indian Standards the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to International Standards for which Indian Standards also exists. The corresponding Indian Standards, which are to be substituted, are listed below along with their degree of equivalence for the editions indicated:

| <i>International Standard</i> | <i>Corresponding Indian Standard</i> | <i>Degree of Equivalence</i> |
|---|--|-----------------------------------|
| IEC 60086-1, Primary batteries – Part 1: General | IS 6303 : 2018, Primary batteries - General (Second Revision) | Identical With IEC 60086-1: 1982 |
| IEC 60086-2, Primary batteries – Part 2: Physical and electrical specifications | IS 15063 : 2001, Alkaline manganese dioxide cells - Specification | Identical With IEC 60086-2:1994 |
| IEC 60086-4, Primary batteries – Part 4: Safety of lithium batteries | IS 6303 (Part 4) : 2013, Primary batteries: Part 4 safety of lithium batteries (Second Revision) | Identical With IEC 60086-4 : 2007 |

The technical committee has reviewed the provisions of the following international standards referred in this adopted standard and decided that they are acceptable for use in conjunction with this standard.

| <i>International Standard</i> | <i>Title</i> |
|-------------------------------|--|
| IEC 60086-5, | Primary batteries – Part 5: Safety of batteries with aqueous electrolyte |

Only English language text has been retained while adopting it in this Indian Standard, and as such the page numbers given here are not the same as in the International Standard.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated expressing the result of a test, shall be rounded off in accordance with IS 2: 2022 ‘Rules for rounding off numerical values (*second revision*)’. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

Note: The technical content of the document is not available on website. For details, please refer the corresponding IEC 60086-3: 2021 or kindly contact:

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