**IS 6303 (Part 3) : 2024**

***भारतीय मानक***

***Indian Standard***

 **IEC 60086-3 : 2021**

 *(Superseding IS 11675: 1986*)

प्राथमिक बैटरियां

भाग 3 घड़ियो की बैटरियां

Primary Batteries

 Part 3 Watch Batteries

 ICS 29.220.10; 39.040.10

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 भारतीय मानक ब्यूरो

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 **December 2024 Price Group X**

Primary Cells and Batteries Sectional Committee, ETD 10

NATIONAL FOREWORD

This Indian Standard (Part 3) which is identical to IEC 60086-3 : 2021 ‘Primary batteries — Part 3: Watch batteries’ issued by the International Electrotechnical Commission (IEC) was 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 first published in 1986 as IS 11675 : 1986, which was an indigenous Indian Standard on ‘Specification for button cells — Silver oxide’. Consequent upon the reviewing of IEC 60086-3 : 2021, this adoption has been taken up in IS 6303 series under dual numbering to align it with the latest IEC standard IEC 60086-3 : 2021, this Indian Standard supersedes IS 11675 : 1986.

This standard is published in various parts. Other parts in this series are:

|  |  |
| --- | --- |
| Part 0 | General |
| Part 4 | Safety of lithium batteries |
| Part 5 | Safety of batteries with aqueous electrolyte |

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:

1. Wherever the words ‘International Standard’ appears referring to this standard, they should be read as ‘Indian Standard’; and
2. 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 exist. The corresponding Indian Standards, which are to be substituted, are listed below along with their degree of equivalence for the editions indicated:

|  |  |  |
| --- | --- | --- |
| *International Standard* | *Corresponding Indian Standard* | *Degree of Equivalence* |
| IEC 60086-1 Primary batteries — Part 1: General | IS 6303 : 2018/IEC 60086-1 : 1982 Primary batteries — General (*second revision*) | Modified |
| IEC 60086-2 Primary batteries — Part 2: Physical and electrical specifications | IS 15063 : 2001/IEC 60086-2 : 1994 Alkaline manganese dioxide cells — Specification | Modified |
| IEC 60086-4 Primary batteries — Part 4: Safety of lithium batteries | IS 6303 (Part 4) : 2023/IEC 60086-4 : 2007 Primary batteries: Part 4 safety of lithium batteries (*third revision*) | Identical |

The 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.

|  |  |
| --- | --- |
| *International Standard* | *Title* |
| IEC 60086-5 | Primary batteries — Part 5: Safety of batteries with aqueous electrolyte |

(*Continued on third cover*)

(*Continued from second cover*)

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.