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aqueous electrolyte**

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In the event of any doubts arising as to the contents,  
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## Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Battery Association of Japan (BAJ)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS C 8514:2014** is replaced with this Standard.

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# Safety of primary batteries with aqueous electrolyte

## Introduction

This Japanese Industrial Standard has been prepared based on **IEC 60086-5:2016**, Edition 4 with some modifications of the technical contents, made to reflect the local needs and situations in Japan.

The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JA.

## 1 Scope

This Standard specifies tests and requirements for primary batteries with aqueous electrolyte to ensure their safe operation under intended use and reasonably foreseeable misuse.

**NOTE 1** Herein, the primary batteries with aqueous electrolyte refer to five battery systems shown in Table 1.

**NOTE 2** Although this Standard specifies the safety of primary batteries with aqueous electrolyte, it is not, by itself, intended to be used for conformity assessment purposes.

**NOTE 3** The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

IEC 60086-5:2016 *Primary batteries—Part 5: Safety of batteries with aqueous electrolyte* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are **IDT** (identical), **MOD** (modified), and **NEQ** (not equivalent) according to **ISO/IEC Guide 21-1**.

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS C 8500 *Primary batteries—General*

**NOTE** Corresponding International Standard: IEC 60086-1 *Primary batteries—Part 1: General* (MOD)

JIS C 8515 *Primary batteries—Physical and electrical specifications*

**NOTE** Corresponding International Standard: IEC 60086-2 *Primary batteries—Part 2: Physical and electrical specifications* (MOD)

JIS C 60068-2-6 *Environmental testing—Part 2-6: Tests—Test Fc: Vibration (sinusoidal)*