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TECHNICAL REPORT

colour inside

Secondary cells and batteries containing alkaline or other non-acid electrolytes – Experimental procedure for the forced internal short-circuit test of IEC 62133:2012

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES – EXPERIMENTAL PROCEDURE FOR THE FORCED INTERNAL SHORT-CIRCUIT TEST OF IEC 62133:2012

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IEC/TR 62914, which is a technical report, has been prepared by subcommittee 21A: Secondary cells and batteries containing alkaline or other non-acid electrolytes, of IEC technical committee 21: Secondary cells and batteries.

The text of this technical report is based on the following documents:

Enquiry draft	Report on voting
21A/537/DTR	21A/549/RVC

Full information on the voting for the approval of this technical report 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.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site 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- withdrawn,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.

A bilingual version of this publication may be issued at a later date.

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INTRODUCTION

The second edition of IEC 62133 was published on December, 2012. This technical report provides supplemental information to perform the forced internal short-circuit test of IEC 62133:2012.

SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES – EXPERIMENTAL PROCEDURE FOR THE FORCED INTERNAL SHORT-CIRCUIT TEST OF IEC 62133:2012

1 Scope

This Technical Report identifies experimental procedures for the forced internal short-circuit tests in terms of designation, dimensions, tests and requirements. It supplements 8.3.9 of IEC 62133:2012.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 62133:2012, *Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications*