

INTERNATIONAL STANDARD

IEC 61429

First edition
1995-12

Marking of secondary cells and batteries with the international recycling symbol ISO 7000-1135

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**MARKING OF SECONDARY CELLS AND BATTERIES WITH THE
INTERNATIONAL RECYCLING SYMBOL ISO 7000-1135**

FOREWORD

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International Standard IEC 1429 has been prepared by IEC technical committee 21: Secondary cells and batteries.

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

FDIS	Report on voting
21/381/FDIS	21/394/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.

INTRODUCTION

In many countries, there are legal requirements that certain spent secondary batteries should be kept separate from normal waste disposal. The return to recycling facilities requires appropriate channels.

The identification of such batteries by a standardized symbol should improve the protection of the environment.

MARKING OF SECONDARY CELLS AND BATTERIES WITH THE INTERNATIONAL RECYCLING SYMBOL ISO 7000-1135

1 Scope

This International Standard defines the conditions of utilization of the recycling symbol of the International Organization for Standardization (ISO) associated with the chemical symbols indicating the electrochemical system of the battery. This standard applies to lead-acid batteries (Pb) and nickel-cadmium batteries (Ni-Cd).

NOTE – The term "battery" as used throughout this standard covers batteries constituted of several single cells as well as single cells distributed and used separately.

In all cases cells have to be marked individually with the exception of those constituting a battery or a subassembly that cannot be dismantled. For example, traction batteries and stationary batteries should be marked on or near the type plate only.

The object of this standard is to present recommendations concerning the size of the symbol and its location on the surface of the cells and batteries or on the packages of button cells.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All normative documents are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 7000: 1989, *Graphical symbols for use on equipment – Index and synopsis*

IEC 416: 1988, *General principles for the creation of graphical symbols for use on equipment*