Technical Specification

ISO/TS 8103-3

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Escalators and moving walks —

Part 3: Requirements from other standards (ASME A17.1/CSA B44 and Japanese codes) not included in ISO 8103-1

Escaliers mécaniques et trottoirs roulants —

Partie 3: Exigences issues d'autres normes (ASME A17.1/CSA B44 et codes japonais) non incluses dans l'ISO 8103-1

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents. ISO shall not be held responsible for identifying any or all such patent rights.

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 178, *Lifts, escalators and moving walks*.

A list of all parts in the ISO 8103 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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Introduction

0.1 General

The machinery concerned and the extent to which hazards, hazardous situations and hazardous events are covered are indicated in the scope of this standard.

0.2 General remarks

This document is to be used in combination with ISO 8103-1 for the purpose of achieving equivalency with the requirements of ASME A17.1/CSA B44 and Japanese codes respectively, where the scopes of ASME A17.1/CSA B44 and Japanese codes coincide with the scope of this document. Equipment outside of the scope of this document is not addressed.

This document is not a substitute for ASME A17.1/CSA B44 or Japanese codes and it does not evaluate or interpret requirements in those standards/codes.

As a further clarification, it is emphasized that although differences exist in the various standards, it does not imply that any standard is superior to another standard covering the same scope.

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Escalators and moving walks —

Part 3:
Requirements from other standards (ASME A17.1/CSA B44 and Japanese codes) not included in ISO 8103-1

1 Scope

This document identifies section and requirement numbers from ASME A17.1/CSA B44 or Japanese codes for requirements not included in ISO 8103-1. The content of the specific requirements is published in ASME A17.1/CSA B44 and Japanese codes.

This document is applicable for new escalators and moving walks (pallet or belt type) as defined in ISO/DIS 8103-1:—, Clause 3.

This document deals with all significant hazards, hazardous situations, and events relevant to escalators and moving walks when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4).

This document is not applicable to escalators and moving walks which were manufactured before the date of its publication. It is, however, expected that existing installations be adapted to this standard.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

4 Use of this document

Products designed in compliance with specific requirements of ISO 8103-1 may not be in compliance with specific prescriptive requirements in ASME A17.1/CSA B44-2016 or Japanese Codes.

By referring to Table 1, specific prescriptive requirements of ASME A17.1/CSA B44-2016 that need to be addressed in addition to or in place of requirements of ISO 8103-1 can be identified by the user.

In a similar way, Table 2 identifies requirements of Japanese codes that need to be addressed by the user.

Tables 1 and 2 provide guidance and in all cases the relevant standards need to be consulted.

In each table, there are five columns as follows:

— Column 1 identifies the clause number in ISO 8103-1:—;

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— Column 2 describes the subject matter;

— Column 3 identifies the requirement to be addressed in addition to ISO 8103-1:—;

— Column 4 identifies the requirement to be addressed in place of ISO 8103-1:—; and

— Column 5 contains comments and explanations intended to provide guidance to the user.

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