



Lifts, escalators and moving walks

Part 5.4: Safety of escalators and moving walks — Interpretations related to AS 1735.5 series of standards (CEN/TS 115-4:2015, MOD)



AS 1735.5.4:2019

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- Australasian Fire and Emergency Service Authorities Council
- Australian Building Codes Board
- Australian Chamber of Commerce and Industry
- Australian Elevator Association
- Australian Industry Group
- Communications, Electrical and Plumbing Union — Electrical Trades Division
- Engineers Australia
- Lift Engineering Society of Australia
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Preface

This Standard was prepared by the Standards Australia Committee ME-004, Lift Installations.

The objective of this Standard is to set out a collection of interpretations related to the AS 1735.5 series. Interpretations to other Standards of the AS 1735.5 series will be added when they are available.

Interpretations aim to improve the understanding of the clause(s) they are referring to and by that facilitating common understanding between manufacturers, lift installers, notified bodies, inspection bodies and national authorities.

This Standard is an adoption with national modifications, and has been reproduced from, CEN/TS 115-4:2015, *Safety of escalators and moving walks — Part 4: Interpretations related to EN 115 family of standards*. The modifications are additional requirements and are set out in Appendix ZZ, which has been added at the end of the source text.

Appendix ZZ lists the variations to CEN/TR 115-4:2015, for the application of this Standard in Australia.

As this document has been reproduced from an International Technical Specification, the following applies:

- (a) In the source text “this Technical Specification” should read “this Australian Standard”.
- (b) A full point substitutes for a comma when referring to a decimal marker.

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Australian or Australian/New Zealand Standards that are identical adoptions of international normative references may be used interchangeably. Refer to the online catalogue for information on specific Standards.

The terms “normative” and “informative” are used in Standards to define the application of the appendices or annexes to which they apply. A “normative” appendix or annex is an integral part of a Standard, whereas an “informative” appendix or annex is only for information and guidance.

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European foreword

This document (CEN/TS 115-4:2015) has been prepared by Technical Committee CEN/TC 10 “Lifts, escalators and moving walks”, the secretariat of which is held by AFNOR.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes CEN/TS 115-4:2014.

EN 115 is divided into the following parts:

- EN 115-1, Safety of escalators and moving walks - Part 1: Construction and installation;
- EN 115-2, Safety of escalators and moving walks - Part 2: Rules for the improvement of safety of existing escalators and moving walks;
- CEN/TR 115-3, Safety of escalators and moving walks - Part 3: Correlation between EN 115:1995 and its amendments and EN 115-1:2008 [Technical Report];
- CEN/TS 115-4, Safety of escalators and moving walks - Part 4: Interpretations related to EN 115 family of standards [Technical specification; this document].

This document is a collection of interpretations related to the EN 115 series. For the time being, this collection of interpretations relates to EN 115-1. According to the progress in working out interpretations, this document will be amended and/or completed.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this Technical Specification: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

Standards reflect the consensus of the best European expertise and are prepared with highest care. Product standards cannot be formulated in such a way that they describe all possible technical solutions and therefore exclude all uncertainties regarding the understanding of the required provisions. On the other hand, technology is in a permanent evolution, the progress of which cannot be incorporated into standards quickly enough.

Interpretations are a practical way to give

- a) answers to questions regarding the understanding of clauses in standards,
- b) feedback to the CEN-Committee responsible for a standard about the practical experiences resulting from the use of the standard,
- c) guidance to further development and improvement of standards following:
 - 1) experience, especially accidents and incidents;
 - 2) progress in technology;
 - 3) state of the art.

1 Scope

This Technical Specification is a collection of interpretations related to the EN 115 series. This document collects interpretations to EN 115-1:2008+A1:2010. Interpretations to other standards of the EN 115 series will be added when they are available.

Interpretations aim to improve the understanding of the clause(s) they are referring to and by that facilitating common understanding between manufacturers, lift installers, notified bodies, inspection bodies and national authorities.

Interpretations do not have the same status as the European Standards to which they are related. However, the application of interpretations should give to the interested parties confidence that the relevant European Standard has not been wrongly applied.

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.

EN 115-1:2008+A1:2010, *Safety of escalators and moving walks — Part 1: Construction and installation*

EN 349, *Safety of machinery — Minimum gaps to avoid crushing of parts of the human body*

EN 1991-1-1, *Eurocode 1: Actions on structures — Part 1-1: General actions — Densities, self-weight, imposed loads for buildings*

EN 13501-1:2007+A1:2009, *Fire classification of construction products and building elements —Part 1: Classification using data from reaction to fire tests*

3 Lists of interpretations

3.1 General

The following lists show the valid interpretations contained in this document.

3.2 Lists of interpretations pertaining to EN 115-1

The interpretations related to EN 115-1 are listed in Tables 1 and 2.

Table 1 shows the list of interpretations in their numerical order.

Table 2 shows the list of interpretations in order of the clauses of EN 115-1:2008+A1:2010.

These interpretations are detailed in Clause 4.