



## **Lifts, escalators and moving walks**

### **Part 5.3: Safety of escalators and moving walks — Correlation between AS 1735.5:2015 and AS 1735.5.1:2019 (CEN/TR 115-3:2017, MOD)**



AS 1735.5.3:2019

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- Australian Elevator Association
- Australian Industry Group
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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 provide a correlation between AS 1735.5:2015 and AS 1735.5.1:2019 for escalators and moving walks built in accordance with AS 1735.5.1:2019.

This Standard is an adoption with national modifications, and has been reproduced from, *CEN/TR 115-3:2017, Safety of escalators and moving walks — Part 3: Correlation between EN 115-1:2008+A1:2010 and EN 115-1:2017*.

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 115-3:2017 for the application of this Standard in Australia.

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

(a) In the source text “this Technical Report” should read “this Australian Standard”.

(b) A full point substitutes for a comma when referring to a decimal marker.

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.

## NOTES

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## European foreword

This document (CEN/TR 115-3:2017) 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/TR 115-3:2009.

The reason for the revision of CEN/TR 115-3 was the publication of EN 115-1:2017. CEN/TR 115-3:2009 compared EN 115-1:1995, including amendments A1 and A2, with EN 115-1:2008. CEN/TR 115-3:2017 compares EN 115-1:2017 with EN 115-1:2008+A1:2010.

## Introduction

This Technical Report has been prepared to allow the user to compare the existing standard EN 115-1:2017 with the EN 115-1:2008+A1:2010 and vice versa.

## 1 Scope

This Technical Report applies to escalators and moving walks built in accordance with EN 115-1:2017.

## 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 115-1:2017, *Safety of escalators and moving walks - Part 1: Construction and installation*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 115-1:2017 and EN 115-1:2008+A1:2010 apply.

## 4 List of significant hazards

For the purpose of this document, the list of significant hazards given in EN 115-1:2017 and EN 115-1:2008+A1:2010 apply.

## 5 Correlation between EN 115-1:2017 and EN 115-1:2008+A1:2010 and vice versa

This Technical Report is presented in the form of two tables. Table 1 provides a correlation between EN 115-1:2008+A1:2010 and EN 115-1:2017 based upon the chronological clause references of EN 115-1:2008+A1:2010. Table 2 provides a similar correlation but using EN 115-1:2017 as the base document for comparison.

Each clause is cross-referenced to its equivalent clause and the table illustrates the status of the text or requirement. Guidance is given on whether the clause has remained unchanged, is modified, is new or has been deleted.

Where appropriate a short explanation is given in the “Remarks” column to highlight changes and new requirements contained in the revision of EN 115-1:2017.

**Table 1 — Correlation between EN 115-1:2008+A1:2010 and EN 115-1:2017**

| EN 115-1:2008+A1:2010          | EN 115-1:2017                  | Unchanged | Modified | New | Deleted | Remarks                                                  |
|--------------------------------|--------------------------------|-----------|----------|-----|---------|----------------------------------------------------------|
| <b>Introduction</b>            | <b>Introduction</b>            |           | x        |     |         |                                                          |
| <b>1 Scope</b>                 | <b>1 Scope</b>                 |           |          |     |         |                                                          |
| 1.1                            | 1.1                            | x         |          |     |         |                                                          |
| 1.2                            | -                              |           |          |     | x       | Requirements for seismic activities included in Annex M. |
| 1.3                            | 1.2                            | x         |          |     |         |                                                          |
| <b>2 Normative references</b>  | <b>2 Normative references</b>  |           | x        |     |         | Updated.                                                 |
| <b>3 Terms and definitions</b> | <b>3 Terms and definitions</b> |           |          |     |         |                                                          |
| 3.1.1                          | 3.1.1                          | x         |          |     |         |                                                          |
| -                              | 3.1.2                          |           |          | x   |         |                                                          |
| 3.1.2                          | 3.1.3                          | x         |          |     |         |                                                          |
| 3.1.3                          | 3.1.4                          | x         |          |     |         |                                                          |
| 3.1.4                          | 3.1.5                          | x         |          |     |         |                                                          |
| 3.1.5 a                        | 3.1.6                          | x         |          |     |         |                                                          |
| 3.1.5 b                        | 3.1.7                          | x         |          |     |         |                                                          |
| -                              | 3.1.8                          |           |          | x   |         |                                                          |
| 3.1.6                          | 3.1.27                         | x         |          |     |         | Term changed, definition the same.                       |
| 3.1.7                          | 3.1.24                         | x         |          |     |         | Term changed, definition the same.                       |
| 3.1.8                          | 3.1.9                          | x         |          |     |         |                                                          |
| 3.1.9                          | 3.1.10                         | x         |          |     |         |                                                          |
| 3.1.10                         | 3.1.11                         | x         |          |     |         |                                                          |
| 3.1.11                         | 3.1.12                         | x         |          |     |         |                                                          |
| 3.1.12                         | 3.1.13                         | x         |          |     |         |                                                          |
| 3.1.13 a                       | 3.1.14                         | x         |          |     |         |                                                          |
| 3.1.13 b                       | 3.1.15                         | x         |          |     |         |                                                          |

| EN 115-1:2008+A1:2010                | EN 115-1:2017                        | Unchanged | Modified | New | Deleted | Remarks                                                      |
|--------------------------------------|--------------------------------------|-----------|----------|-----|---------|--------------------------------------------------------------|
| 3.1.14                               | 3.1.16                               | x         |          |     |         |                                                              |
| 3.1.15                               | 3.1.17                               | x         |          |     |         |                                                              |
| 3.1.16                               | 3.1.18                               | x         |          |     |         |                                                              |
| 3.1.17                               | 3.1.19                               | x         |          |     |         |                                                              |
| 3.1.18                               | 3.1.20                               | x         |          |     |         |                                                              |
| 3.1.19                               | 3.1.21                               | x         |          |     |         | Rated speed not used anymore and deleted.                    |
| 3.1.20                               | 3.1.26                               |           | x        |     |         | E/E/PE instead of PESSRAE.                                   |
| 3.1.21                               | -                                    |           |          |     | x       |                                                              |
| 3.1.22                               | 3.1.22                               | x         |          |     |         |                                                              |
| 3.1.23                               | 3.1.23                               | x         |          |     |         |                                                              |
| 3.1.24                               | 3.1.25                               |           | x        |     |         | E/E/PE instead of PESSRAE.                                   |
| 3.1.25                               | 3.1.28                               | x         |          |     |         |                                                              |
| 3.1.26                               | 3.1.29                               | x         |          |     |         |                                                              |
| 3.1.27                               | -                                    |           |          |     | x       |                                                              |
| 3.1.28                               | -                                    |           |          |     | x       |                                                              |
| -                                    | 3.1.30                               |           |          | x   |         |                                                              |
| 3.2                                  | 3.2                                  |           |          |     |         | Modified                                                     |
| <b>4 List of significant hazards</b> | <b>4 List of significant hazards</b> |           |          |     |         |                                                              |
| 4.1                                  | 4.1                                  | x         |          |     |         | Reference EN ISO 14121-1 obsolete, replaced by EN ISO 12100. |
| 4.2                                  | 4.2                                  | x         |          |     |         | "fixed devices" added.                                       |
| 4.3                                  | 4.3                                  | x         |          |     |         |                                                              |
| 4.4                                  | 4.4                                  | x         |          |     |         |                                                              |
| 4.5                                  | 4.5                                  | x         |          |     |         |                                                              |
| 4.6                                  | 4.6                                  | x         |          |     |         |                                                              |
| 4.7                                  | 4.7                                  | x         |          |     |         |                                                              |

| EN 115-1:2008+A1:2010                                                  | EN 115-1:2017                                                          | Unchanged | Modified | New | Deleted | Remarks                                                                          |
|------------------------------------------------------------------------|------------------------------------------------------------------------|-----------|----------|-----|---------|----------------------------------------------------------------------------------|
| 4.8                                                                    | 4.8                                                                    | x         |          |     |         |                                                                                  |
| 4.9                                                                    | 4.9                                                                    | x         |          |     |         | "stopping" added.                                                                |
| 4.10                                                                   | 4.10                                                                   | x         |          |     |         |                                                                                  |
| -                                                                      | 4.11                                                                   |           |          | x   |         |                                                                                  |
| <b>5 Safety requirements and/or protective/risk reduction measures</b> | <b>5 Safety requirements and/or protective/risk reduction measures</b> |           |          |     |         |                                                                                  |
| 5.1                                                                    | 5.1                                                                    |           | x        |     |         | Reference to Annex M (seismic conditions) added.                                 |
| 5.2.1.1                                                                | 5.2.1.1                                                                | x         |          |     |         |                                                                                  |
| 5.2.1.2                                                                | 5.2.1.2                                                                |           | x        |     |         | Definition of gaps added.                                                        |
| 5.2.1.3                                                                | 5.2.1.3                                                                | x         |          |     |         |                                                                                  |
| 5.2.1.4                                                                | 5.2.1.4                                                                | x         |          |     |         |                                                                                  |
| 5.2.1.5                                                                | 5.2.1.5                                                                | x         |          |     |         |                                                                                  |
| 5.2.1.6                                                                | 5.2.1.6                                                                | x         |          |     |         |                                                                                  |
| 5.2.2                                                                  | 5.2.2                                                                  | x         |          |     |         |                                                                                  |
| 5.2.3                                                                  | 5.2.3                                                                  | x         |          |     |         |                                                                                  |
| 5.2.4                                                                  | 5.2.4                                                                  |           | x        |     |         |                                                                                  |
| 5.2.5                                                                  | 5.2.5                                                                  |           | x        |     |         | Requirements for comb and floor plate deflection added.                          |
| 5.3.1                                                                  | 5.3.1                                                                  | x         |          |     |         |                                                                                  |
| 5.3.2                                                                  | 5.3.2                                                                  | x         |          |     |         |                                                                                  |
| 5.3.3.1                                                                | 5.3.3.1                                                                | x         |          |     |         |                                                                                  |
| 5.3.3.2.1                                                              | 5.3.3.2.1                                                              |           | x        |     |         | New requirements for inserts/fixings and tread surface on the side.              |
| 5.3.3.2.2                                                              | 5.3.3.2.2                                                              |           | x        |     |         | New requirements for inserts/fixings and test procedure defined more accurately. |
| 5.3.3.2.3                                                              | 5.3.3.2.3                                                              | x         |          |     |         |                                                                                  |
| 5.3.3.2.4                                                              | 5.3.3.2.4                                                              | x         |          |     |         |                                                                                  |