

DIN EN 115-2:2010-12 (E)

Safety of escalators and moving walks –Part 2: Rules for the improvement of safety of existing escalators and moving walks
English translation of DIN EN 115-2:2010-12

Contents

page

Foreword.....	4
Introduction	5
1 Scope	7
2 Normative references	7
3 Terms and definitions	7
4 List of significant hazards	8
4.1 General.....	8
4.2 Significant hazards dealt with by this standard	8
4.3 Significant hazards not dealt with by this standard.....	10
5 Safety requirements and/or protective measures	11
5.1 General.....	11
5.2 Supporting structure (truss) and enclosure	11
5.2.1 General.....	11
5.2.2 Fire hazard.....	11
5.3 Steps, pallets and belt.....	11
5.4 Drive units	12
5.4.1 Driving machine	12
5.4.2 Braking system	12
5.5 Balustrade	13
5.5.1 General.....	13
5.5.2 Dimension of balustrades.....	13
5.5.3 Skirting.....	14
5.6 Handrail system	14
5.6.1 Handrail speed monitoring	14
5.6.2 Profile and position	14
5.6.3 Handrail entry.....	14
5.7 Landings	14
5.8 Machinery spaces, driving stations and return stations	15
5.9 Fire protection.....	15
5.10 (kept free).....	16
5.11 Electric installations and appliances.....	16
5.11.1 General.....	16
5.11.2 Main switches.....	16
5.11.3 Protection against electrostatic loading	17
5.12 Protection against electric faults - controls.....	17
5.12.1 Stopping	17
5.12.2 Inspection control.....	17
5.13 Building interfaces.....	18
5.13.1 Free space for users.....	18
5.13.2 Machinery spaces outside the truss.....	19
5.13.3 Electric power supply.....	19
5.14 Safety signs for the user.....	19
5.15 Use of shopping trolleys and baggage carts	20
5.15.1 Escalator.....	20
5.15.2 Moving walk.....	20
6 Verification of improvement measures	20
7 Information for use	20

Annex A (informative) Method for national implementation of EN 115-2	21
A.1 General	21
A.2 Identification of hazardous situations	21
A.3 Evaluation of hazardous situations	21
A.4 Classification of priority levels	24
Annex B (informative) Safety check list for existing escalators and moving walks	25
Bibliography	31