



CEN TC 10 (Lifts, escalators and moving walks)

CEN/TC 10 Work Program

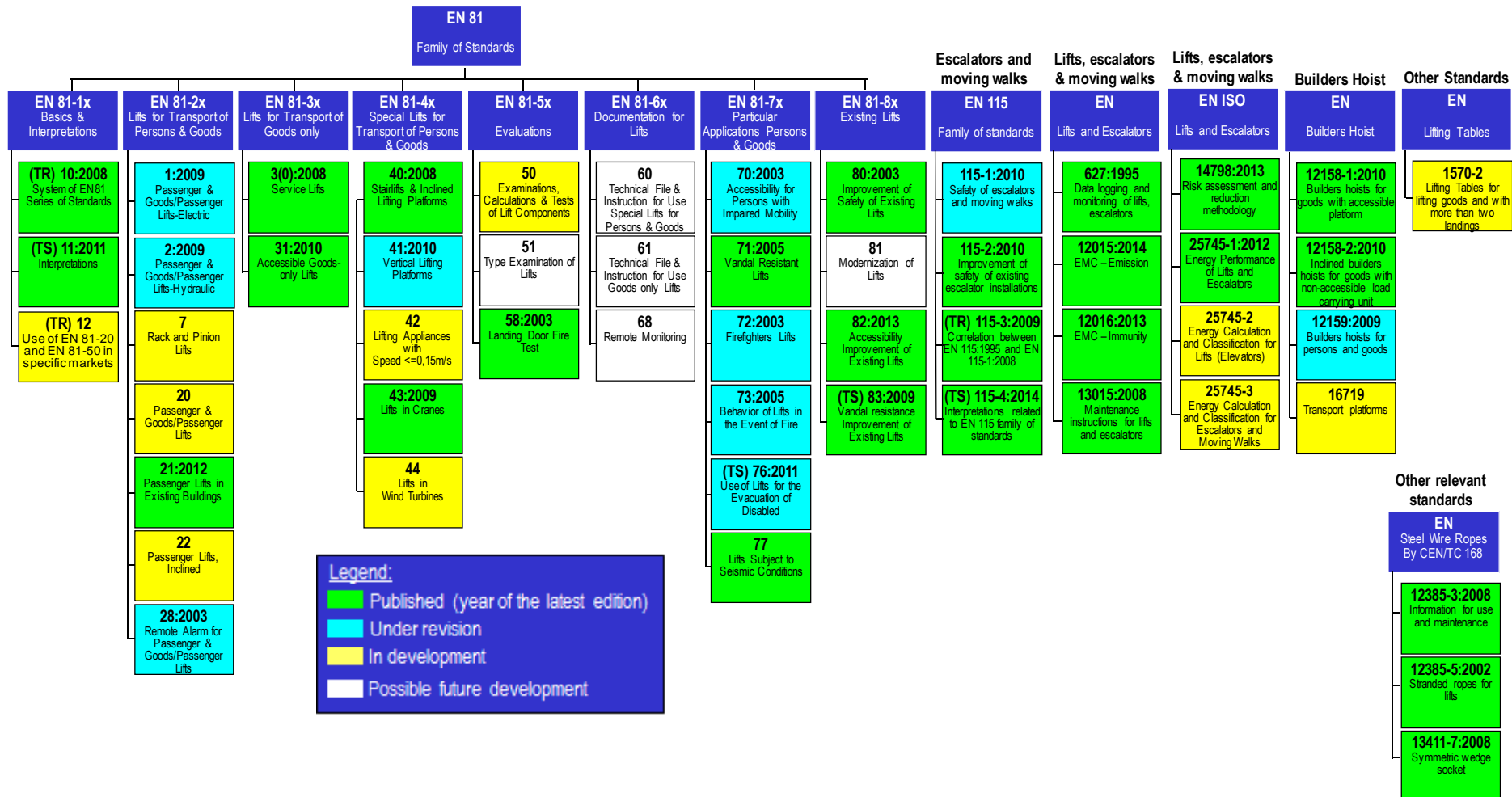
CEN/TC 10
13th May, 2014



CEN/TC 10 Work Program

Complete overview

CEN TC 10 (Lifts, escalators and moving walks)



Total of 45 standards, 34 published and 11 under development

Published standards

- EN 81-77:2013 (First publication), harmonised under the Lifts Directive
- EN 81-82: 2013
- EN 12015: 2013 (Revision)
- EN 2016: 2014 (Revision)
- CEN/TS 115-4:2014 (First publication)



CEN/TC 10 Work Program

EN 81-20/50 (Revision of EN 81-1/2)

CEN TC 10 (Lifts, escalators and moving walks)

- Formal Vote completed in April 2014 with 100% positive vote!
- Publication: July 2014 (expected)
- Harmonization under the Lifts Directive: Oct. 2014 (expected)
- EN 81-1/2 will be withdrawn in July 2017 (expected)
- Amendment to EN 81-20/50 is in preparations
 - *Main objective is to include new solutions and extending several options based on the comments received during the CEN Enquiry*

New: CEN/TR 81-12 (Use of EN 81-20/50 in specific markets)

- Based on the comments received from ISO non-European members during the prEN 81-20/50 CEN Enquiry
- Provides some guidance on how to align the EN 81-20/50 requirements with national regulations (outside Europe)
- To be published in September 2014 (just after EN 81-20/50)

New: EN 81-22 (Electric lifts with inclined path)

- To be published in the first half of 2014
- To be harmonised under the ***Lifts Directive (95/16/EC)***

Revision: EN 81-28 (Remote alarm on passenger and goods passenger lifts)

- Scope of the revision is defined
- Revision has been started in April 2014

Revision: EN 81-41 (Lifting platforms)

- Preparations is on-going
- Work to start in the second half of 2014

New: EN 81-42 (Appliances for lifting persons, with speed $\leq 0,15\text{m/s}$)

- Preparations is on-going
- Work to start in the second half of 2014
- To be harmonised under the ***Machinery Directive (2006/42/EC)***

New: EN 81-44 (Lifts in wind turbines)

- Cooperation between CEN/TC 10, CLC/TC 88 and ISO/TC 178
- The preparation work is in progress
- Work to start in the second half of 2014
- To be harmonised under the ***Machinery Directive (2006/42/EC)***

Revision: EN 81-70 (Accessibility to lifts for persons including persons with disability)

- Scope of the revision is defined
- Work has been started in WG7 (first meeting in May 2014)

Revision: EN 81-72 (Firefighters lifts)

- CEN Enquiry was completed in September 2013
- Preparation for Formal Vote is on-going

Revision: EN 81-73 (Behaviour of lifts in the event of fire)

- Alignment with EN 81-72
- Work is in progress

New: EN 81-76 (Evacuation of disabled persons using lifts)

- Conversion of CEN/TS 81-76 to an EN standard
- Work is started



CEN/TC 10 Work Program

Changes

CEN TC 10 (Lifts, escalators and moving walks)

New: EN ISO 25745-2 (Energy Calculation and Classification for Lifts)

- CEN Enquiry was completed in November 2013
- Preparation for Formal Vote is on-going

New: EN ISO 25745-3 (Energy Calculation and Classification for Escalators and moving walks)

- CEN Enquiry was completed in November 2013
- Preparation for Formal Vote is on-going

Revision: EN 115-1 (Escalators and moving walks: Construction and installation)

- Work has been started
- Expected publication: 2017



CEN/TC 10 Work Program

Published and under development

CEN TC 10 (Lifts, escalators and moving walks)

Reference	Full Title	Status	EU Directive
EN 81-1:1998 +A3:2009	Safety rules for the construction and installation of lifts - Part 1: Electric lifts	<i>Published</i> <i>Under Revision</i>	95/16/EC (Lifts)
EN 81-2:1998 +A3:2009	Safety rules for the construction and installation of lifts - Part 2: Hydraulic lifts	<i>Published</i> <i>Under Revision</i>	95/16/EC (Lifts)
EN 81-3: 2000 +A1:2008	Safety rules for the construction and installation of lifts - Part 3: Electric and hydraulic service lifts	<i>Published</i>	2006/42/EC (Machinery)
EN 81-7	Safety rules for the construction and installation of lifts - Part 7: Rack and pinion lifts	<i>Under</i> <i>Development</i>	95/16/EC (Lifts)
CEN TR 81-10:2008	Safety rules for the construction and installation of lifts - Basics and interpretations - Part 10: System of the EN 81 series of standards	<i>Published</i>	Not Applicable
CEN TS 81-11:2011	Safety rules for the construction and installation of lifts - Basics and interpretations - Part 11: Interpretations related to EN 81 family of standards (Interpretations on EN 81-1, EN 81-2, EN 81-28, EN 81-70 and EN 81-72)	<i>Published</i>	Not Applicable



CEN/TC 10 Work Program

Published and under development

CEN TC 10 (Lifts, escalators and moving walks)

Reference	Full Title	Status	EU Directive
CEN/TR 81-12	Safety rules for the construction and installation of lifts - Basics and interpretations - Part 12: Use of EN 81-20 and EN 81-50 in specific markets	<i>Under Development</i>	Not Applicable
prEN 81-20	Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 20: Passenger and goods passenger lifts	<i>Under Development</i> <i>Result of revision of EN 81-1 & EN 81-2</i>	95/16/EC (Lifts)
EN 81-21:2009 +A1:2012	Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 21: New passenger and goods passenger lifts in existing building	<i>Published</i>	95/16/EC (Lifts)
prEN 81-22	Safety rules for the construction and installation of lifts - Lifts for transport of persons and goods - Part 22: Electric lifts with inclined path	<i>Under Development</i>	95/16/EC (Lifts)
EN 81-28:2003	Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 28: Remote alarm on passenger and goods passenger lifts	<i>Published</i> <i>Under Revision</i>	95/16/EC (Lifts)



CEN/TC 10 Work Program

Published and under development

CEN TC 10 (Lifts, escalators and moving walks)

Reference	Full Title	Status	EU Directive
EN 81-31:2010	Safety rules for the construction and installation of lifts - Lifts for the transport of goods only - Part 31: Accessible goods only lifts	<i>Published</i>	2006/42/EC (Machinery)
EN 81-40:2008	Safety rules for the construction and installation of lifts - Special lifts for the transport of persons and goods - Part 40: Stairlifts and inclined lifting platforms intended for persons with impaired mobility	<i>Published</i>	2006/42/EC (Machinery)
EN 81-41:2010	Safety rules for the construction and installation of lifts - Special lifts for the transport of persons and goods - Part 41: Vertical lifting platforms intended for use by persons with impaired mobility	<i>Published</i> <i>Under Revision</i>	2006/42/EC (Machinery)
EN 81-42	Vertical Lifting Appliance with enclosed carrier intended for use by persons, including persons with disability	<i>Under</i> <i>Development</i>	2006/42/EC (Machinery)
EN 81-43: 2009	Safety rules for the construction and installation of lifts - Special lifts for the transport of persons and goods - Part 43: Lifts for cranes	<i>Published</i>	2006/42/EC (Machinery)
EN 81-44	Lifts in wind turbines	<i>Under</i> <i>Development</i>	2006/42/EC (Machinery)



CEN/TC 10 Work Program

Published and under development

CEN TC 10 (Lifts, escalators and moving walks)

Reference	Full Title	Status	EU Directive
EN 81-50	Safety rules for the construction and installation of lifts - Evaluations - Part 50: Examinations, calculations and tests of lift components	Under Development <i>Result of revision of EN 81-1 & EN 81-2</i>	95/16/EC (Lifts)
EN 81-58:2003	Safety rules for the construction and installation of lifts - Examination and tests - Part 58: Landing doors fire resistance test	Published	95/16/EC (Lifts)
EN 81-70:2003 +A1:2003	Safety rules for the construction and installations of lifts - Particular applications for passenger and good passengers lifts - Part 70: Accessibility to lifts for persons including persons with disability	Published <i>Under Revision</i>	95/16/EC (Lifts)
EN 81-71:2005 +A1:2005	Safety rules for the construction and installation of lifts - Particular applications to passenger lifts and goods passenger lifts - Part 71: Vandal resistant lifts	Published	95/16/EC (Lifts)
EN 81-72:2003	Safety rules for the construction and installation of lifts- Particular applications for passenger and goods passenger lifts - Part 72: Firefighters lifts	Published <i>Under Revision</i>	95/16/EC (Lifts)



CEN/TC 10 Work Program

Published and under development

CEN TC 10 (Lifts, escalators and moving walks)

Reference	Full Title	Status	EU Directive
EN 81-73:2005	Safety rules for the construction and installation of lifts - Particular applications for passenger and goods passenger lifts - Part 73: Behaviour of lifts in the event of fire	Published <i>Under Revision</i>	95/16/EC (Lifts)
CEN TS 81-76:2011	Safety rules for the construction and installation of lifts - Particular applications for passengers and goods passenger lifts - Part 76: Evacuation of disabled persons using lifts	Published <i>Under Revision</i> (to become EN)	Not Applicable
EN 81-77:2013	Safety rules for the construction and installation of lifts - Particular applications for passenger and good passengers lifts - Part 77: Lifts subject to seismic conditions	Published	95/16/EC (Lifts)
EN 81-80:2003	Safety rules for the construction and installation of lifts - Existing lifts - Part 80: Rules for the improvement of safety of existing passenger and goods passenger lifts	Published	Not Applicable
EN 81-82:2013	Safety rules for the construction and installation of lifts - Existing lifts - Part 82: Improvement of the accessibility of existing lifts for persons including persons with disability	Published	Not Applicable



CEN/TC 10 Work Program

Published and under development

CEN TC 10 (Lifts, escalators and moving walks)

Reference	Full Title	Status	EU Directive
CEN TS 81-83:2009	Safety rules for the construction and installation of lifts - Existing lifts - Part 83: Rules for the improvement of the resistance against vandalism	<i>Published</i>	Not Applicable
EN 12015:2014	Electromagnetic compatibility - Product family standard for lifts, escalators and moving walks - Emission	<i>Published</i>	2004/108/EC (EMC) 95/16/EC (Lifts) 2006/42/EC (Machinery)
EN 12016:2013	Electromagnetic compatibility - Product family standard for lifts, escalators and moving walks - Immunity	<i>Published</i>	2004/108/EC (EMC) 95/16/EC (Lifts) 2006/42/EC (Machinery)
EN 12158-1:2000 +A1:2010	Builders' hoists for goods - Part 1: Hoists with accessible platforms	<i>Published</i>	2006/42/EC (Machinery)
EN 12158-2:2000 +A1:2010	Builders' hoists for goods - Part 2: Inclined hoists with non-accessible load carrying devices	<i>Published</i> <i>Under Revision</i>	2006/42/EC (Machinery)



CEN/TC 10 Work Program

Published and under development

CEN TC 10 (Lifts, escalators and moving walks)

Reference	Full Title	Status	EU Directive
EN 12159:2000 +A1:2009	Builders hoists for persons and materials with vertically guided cages	<i>Published</i> <i>Under Revision</i>	2006/42/EC (Machinery)
EN 16719	Transport platforms	<i>Under Development</i>	2006/42/EC (Machinery)
EN 13015:2001 +A1:2008	Maintenance for lifts and escalators - Rules for maintenance instructions	<i>Published</i>	95/16/EC (Lifts) 2006/42/EC (Machinery)
EN ISO 14798:2013	Lifts (elevators), escalators and moving walks - Risk assessment and reduction methodology	<i>Published</i>	Not Applicable
EN ISO 25745-1:2012	Energy performance of lifts, escalators and moving walks - Part 1: Energy measurement and conformance	<i>Published</i>	Not Applicable
EN ISO 25745-2	Energy performance of lifts, escalators and moving walks - Part 2: Energy Calculation and Classification for Lifts (Elevators)	<i>Under Development</i>	Not Applicable
EN ISO 25745-3	Energy performance of lifts, escalators and moving walks - Part 3: Energy Calculation and Classification for Escalators and Moving Walks	<i>Under Development</i>	Not Applicable



CEN/TC 10 Work Program

Published and under development

CEN TC 10 (Lifts, escalators and moving walks)

Reference	Full Title	Status	EU Directive
EN 627:1995	Specification for data logging and monitoring of lifts, escalators and passenger conveyors	<i>Published</i>	Not Applicable
EN 115-1:2008+ A1:2010	Safety of escalators and moving walks - Part 1: Construction and installation	<i>Published</i> <i>Under Revision</i>	2006/42/EC (Machinery)
EN 115-2:2010	Safety of escalators and moving walks - Part 2: Rules for the improvement of safety of existing escalators and moving walks	<i>Published</i>	Not Applicable
CEN/TR 115-3:2009	Safety of escalators and moving walks - Part 3: Correlation between EN 115:1995 and its amendments and EN 115-1:2008	<i>Published</i>	Not Applicable
CEN/TS 115-4:2014	Safety of escalators and moving walks - Part 4: Interpretations related to EN 115 family of standards	<i>Published</i>	Not Applicable
EN 1570-2	Safety requirements for lifting tables – lifting tables serving more than 2 fixed landings of a building, for lifting goods with vertical travel speed not exceeding 0,15 m/s – Part 2: Complementary elements	<i>Under</i> <i>Development</i>	2006/42/EC (Machinery)



Other relevant standards

Published and under development (by TC 168)

CEN TC 10 (Lifts, escalators and moving walks)

Reference	Full Title	Status	EU Directive
EN 12385-3:2008	Steel wire ropes - Safety - Part 3: Information for use and maintenance	<i>Published</i>	2006/42/EC (Machinery)
EN 12385-5:2002	Steel wire ropes - Safety - Part 5: Stranded ropes for lifts	<i>Published</i>	2006/42/EC (Machinery)
EN 13411-7:2008	Terminations for steel wire ropes - Safety – Part 7: Symmetric wedge socket	<i>Published</i>	95/16/EC (Lifts) 2006/42/EC (Machinery)