

2025 lift ex

INTERNATIONAL

11–12 JUNE ExCeL LONDON

BSI MHE/4 CEN & ISO



BSI MHE/4 Standards

UK Designated standards

Development of ISO 8100-1

BSI published - CEN & ISO Standards

Other National British Standards



BSI Membership to CEN

BSI - UK Designated Standards (UK Lifts Regulations)

Full membership within CEN and CENELEC from 1 January 2022.

- ✓ BSI experts continue to contribute to technical work through CEN & ISO
- ✓ BSI can propose new work items
- ✓ BSI can apply to hold secretariats and to nominate committee chairs
- ✓ the withdrawal of conflicting national standards, a member there is an obligation to follow the rules and procedures of CEN/CENELEC
- ✓ coordinating and facilitate the development of British Standards

BSI is free to produce and maintain standards of UK origin on subjects not covered by European standardization, but must follow rules



BSI -Technical committees for Lifts and Escalators

British Standards
BSI = MHE/4



International Standards
ISO - TC 178



European Standards
CEN = TC10

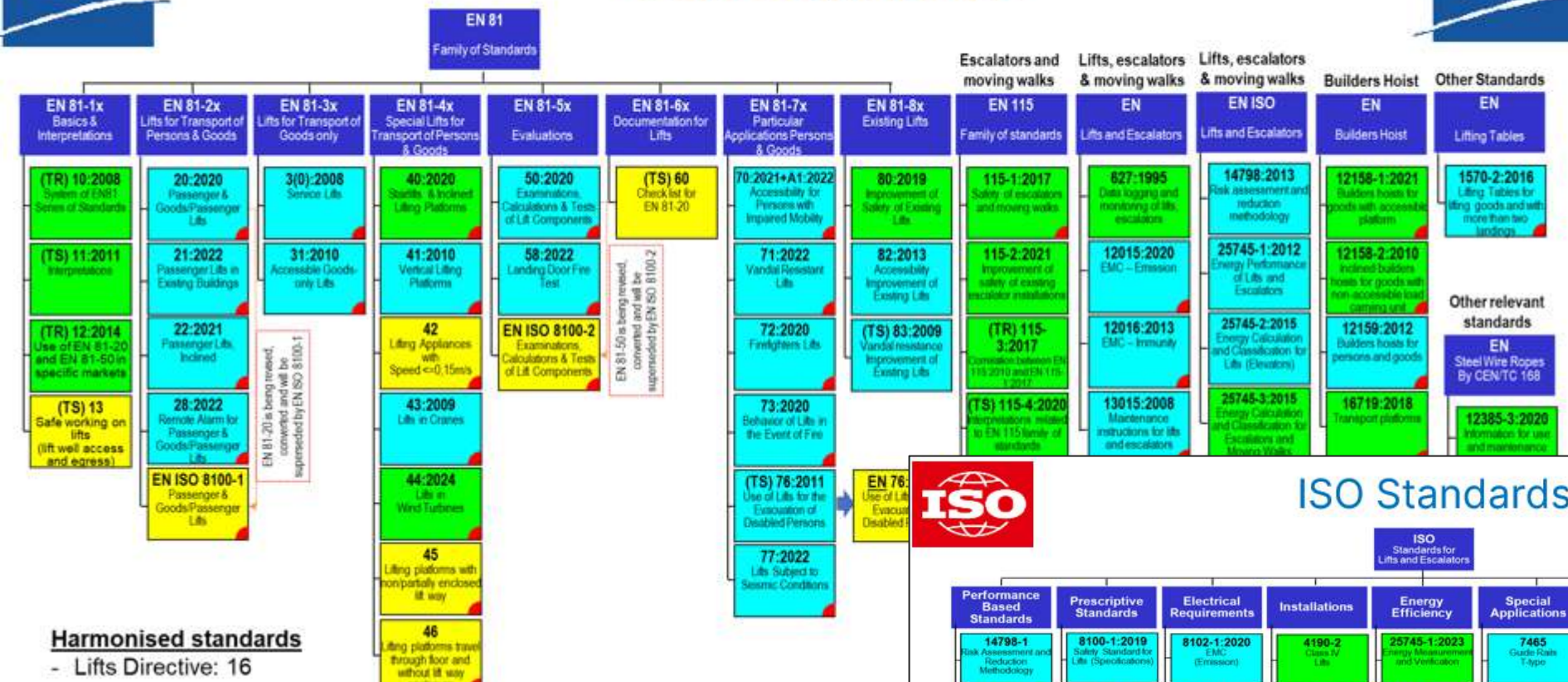


BSI - Purpose of standardisation

- ✓ facilitating trade, reducing technical barriers to European and international trade
- ✓ enhancing consumer protection, safety and confidence
- ✓ support innovation
- ✓ continues to support the UK Designated Standards System based on the same set of European and international standards



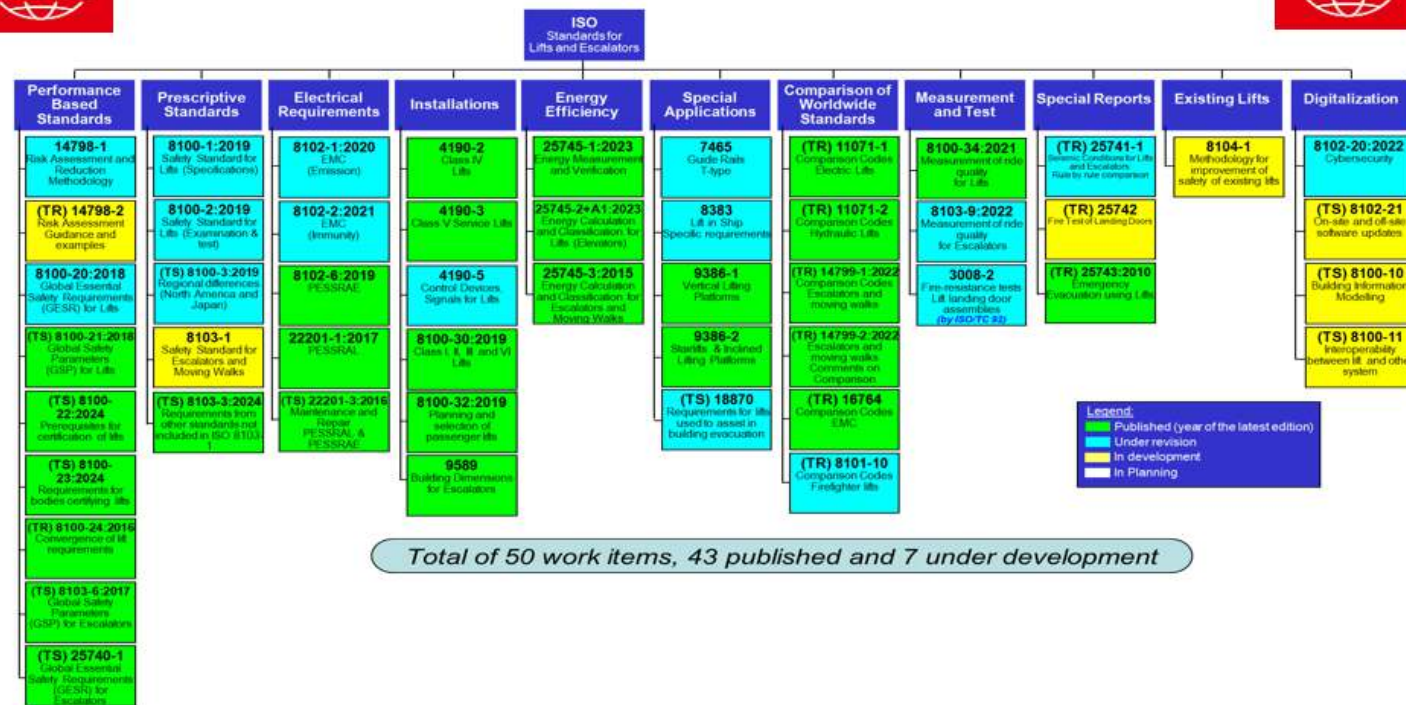
CEN Standards

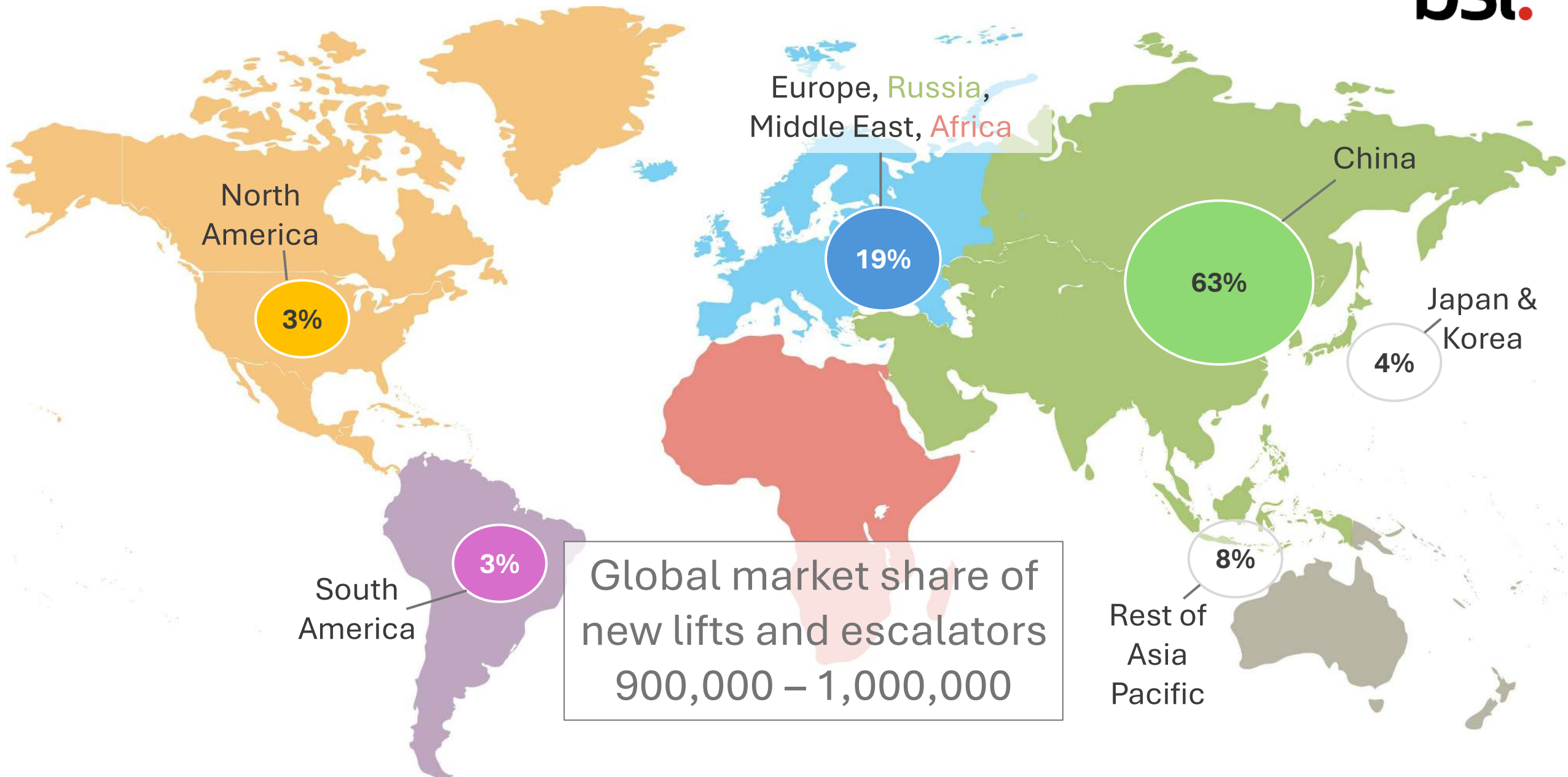


Continued harmonization of technical standards across CEN and ISO



ISO Standards

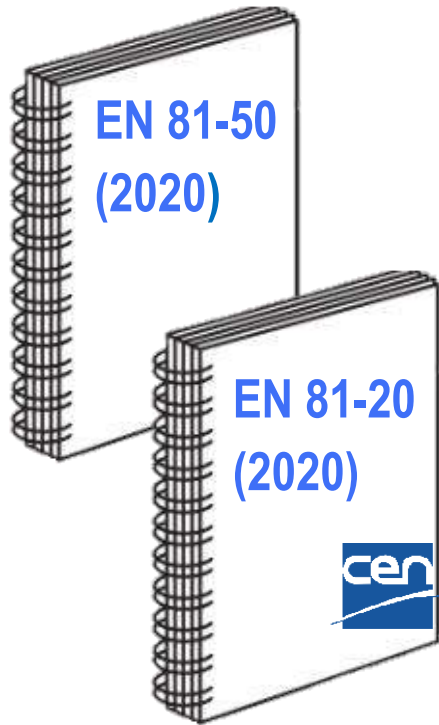




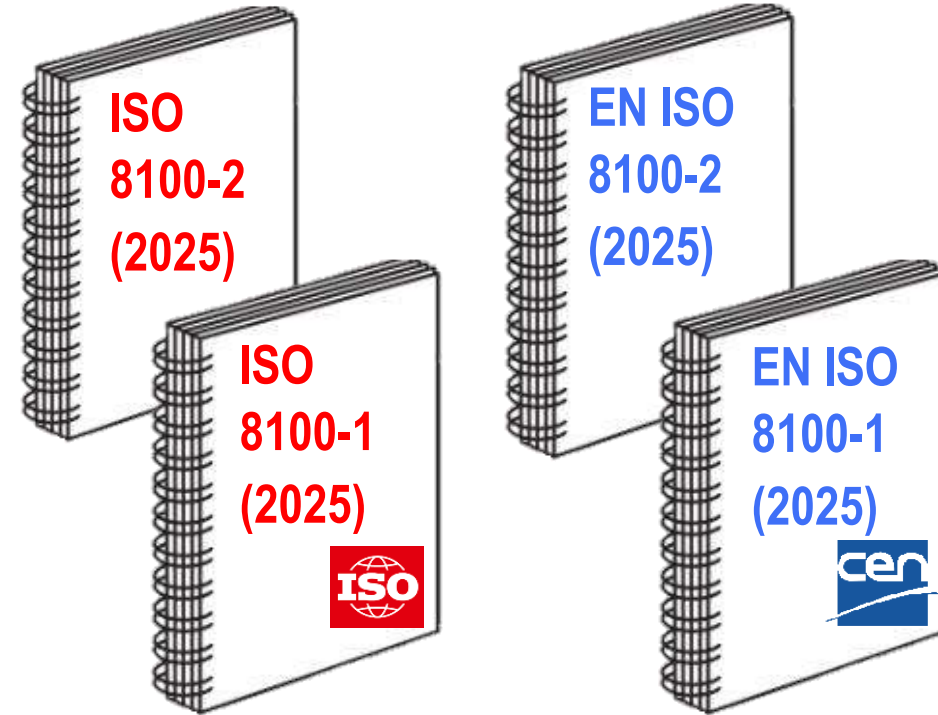
BSI - ISO 8100 – Example of technical harmonization



Current



Future



EN ISO 8100-1/2:2025 is the European adoption of ISO 8100-1/2:2025

BS EN ISO 8100-1/2:2025 will be the BSI publication

The ongoing evolution of standardization



Main objective of standardization is for worldwide technical harmonization:

EN ISO 8100-1/2 is a good example

- ✓ *34 European countries (CEN members) & 33 ISO (non-European) countries*
- ✓ *CEN is taking the lead on the update of this standard*
- ✓ must meet needs requirements of both CEN and ISO member countries

Commenting phases of these standard are essential to meet the objective of technical harmonization

UK Designated standards

UK Designated Standards

(example UK Lifts Regulations)

EN 81-20:2020

Safety requirements Passenger/Goods Lifts

EN 81-50:2020

Design Rules for Lifts

EN 81-21:2022

Lifts in Existing Buildings

EN 81-22:2021

Lifts with Incline Travel

EN 81-28:2022

Remote Alarms

EN 81-58:2022

Landing Door Fire Resistance

EN 81-71:2005+A1:2006

Vandal resistant

EN 81-70:2021+A1:2022

Accessibility to lifts

EN 81-72:2020

Firefighters' lifts

EN 81-73:2020

Behaviour of lifts in the event of fire





European
Commission

**Designated
Standards
Alignment with
OJEU**

Department for
Business & Trade



Lift Directive



**EHSR's
Essential
Health and
Safety
Requirements**



**EHSR's
Essential
Health and
Safety
Requirements**

UK Lifts Regulations



Citation in
OJEU
(Official
journal of EU)

EN 81 series



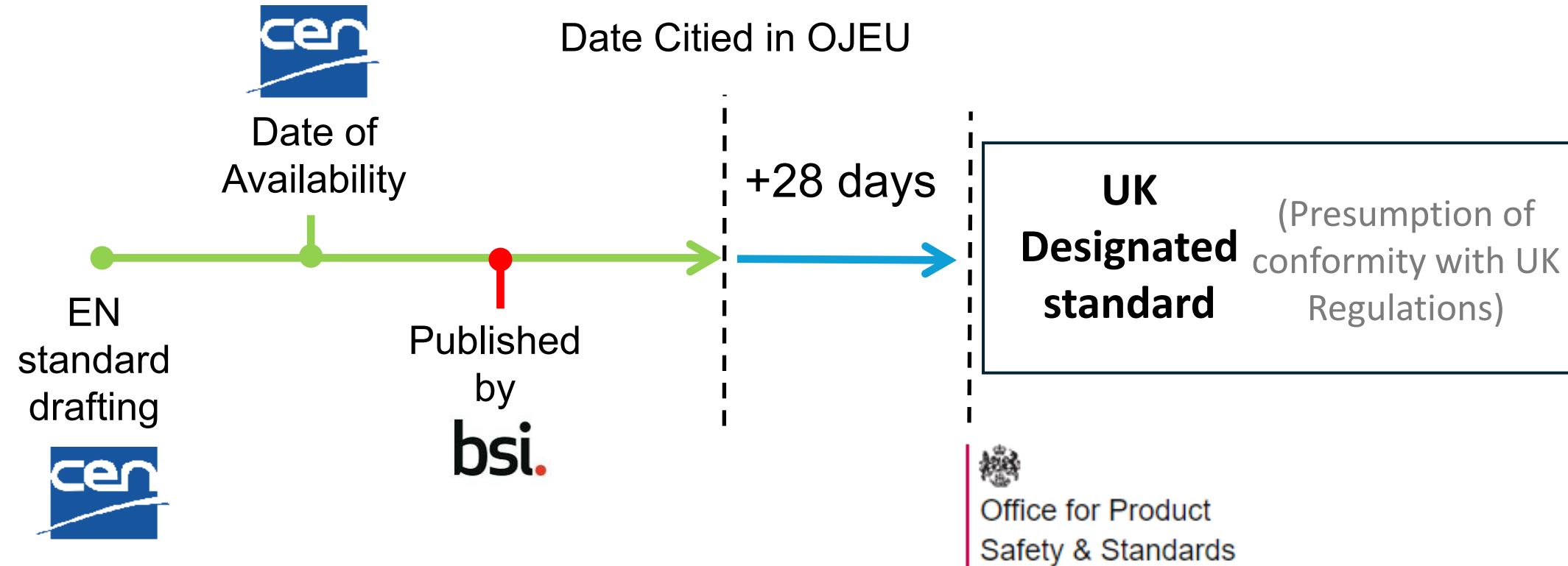
UK
Designated
standard
status

**‘Presumption of conformity’ with
EHSRs in the EU Lift Directive**

**‘Presumption of conformity’ with
EHSRs in the UK Lifts Regulations**

UK Designated Standards (UK Lifts Regulations)

[Designated standards: lifts - GOV.UK \(www.gov.uk\)](https://www.gov.uk)



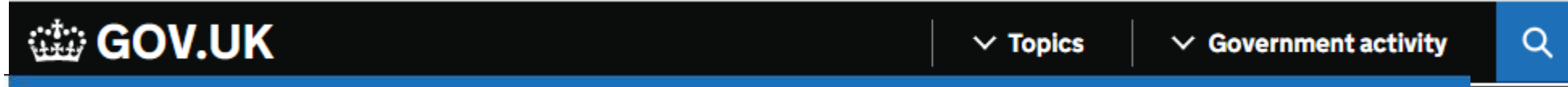
Both ‘Cited Harmonised standards’ and
‘UK Designated standards’ remain aligned

 Published in
OJEU

 UK
Designated

Safety requirments Passenger/Goods Lifts	EN 81-20:2020	EN 81-20:2020
Design Rules for Lifts	EN 81-50:2020	EN 81-50:2020
Lifts inExisting Buildings	EN 81-21:2022	EN 81-21:2022
Lifts with Incline Travel	EN 81-22:2021	EN 81-22:2021
Remote Alarms	EN 81-28:2022	EN 81-28:2022
Landing Door Fire Resistance	EN 81-58:2022	EN 81-58:2022
Vandal resistant	EN 81-71:2005+A1:2006	EN 81-71:2005+A1:2006
Accessibility to lifts	EN 81-70:2021+A1:2022	EN 81-70:2021+A1:2022
Firefighters lifts	EN 81-72:2020	EN 81-72:2020
Behaviour of lifts in the event of fire	EN 81-73:2020	EN 81-73:2020

[Designated standards: lifts - GOV.UK \(www.gov.uk\)](https://www.gov.uk)



[Home](#) > [Business and industry](#)

Guidance

Designated standards: lifts

Notices of publication and a consolidated list for designated standards for lifts.

From: [Office for Product Safety and Standards](#) and [Department for Business, Energy & Industrial Strategy](#)

Published 9 December 2020

Last updated 18 November 2021 — [See all updates](#)

New Designated Standard Expected - Evacuation Lifts

Published End 2024

BS 9991:2024

BS 9991:2024



BSI Standards Publication

**Fire safety in the design, management
and use of residential buildings – Code
of practice**

Makes reference to EN 81-76 when published

Awaiting

Fpr EN 81-76:2025

FprEN 81-76:2024 (E)

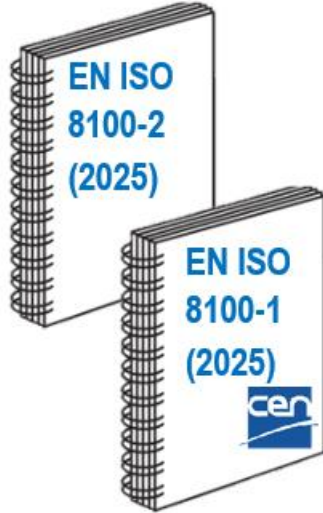
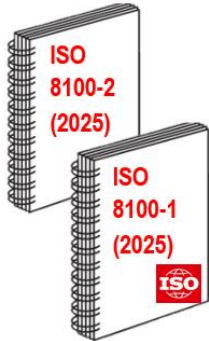
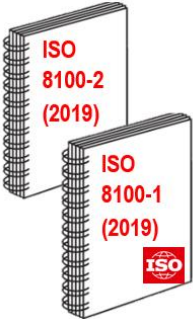
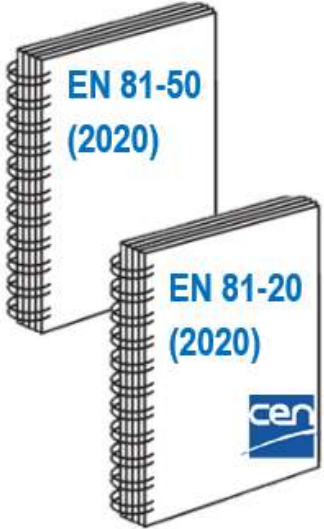
FprEN 81-76:2024 (E)

CEN TC 10/WG 6

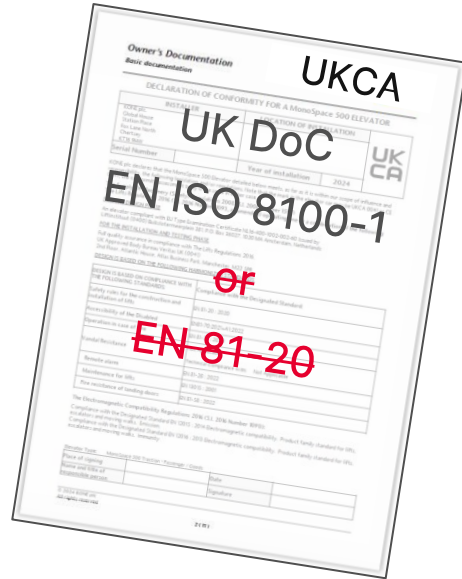
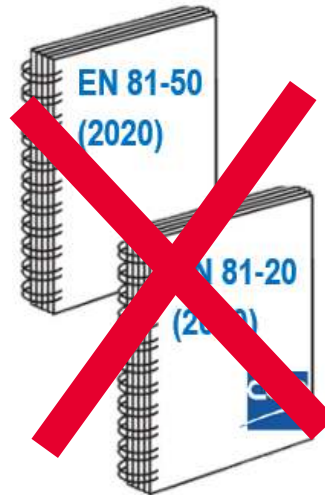
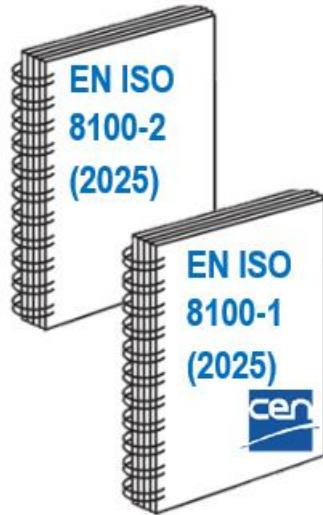
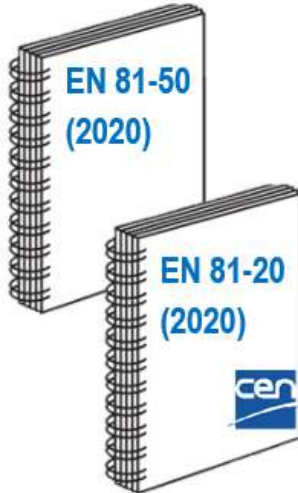
Secretariat: SFS

**Safety rules for the construction and installation of lifts — Particular applications for
passenger and goods passenger lifts — Part 76: Evacuation of persons with disabilities
using lifts**

New Designated Standard Expected - EN ISO 8100-1/2



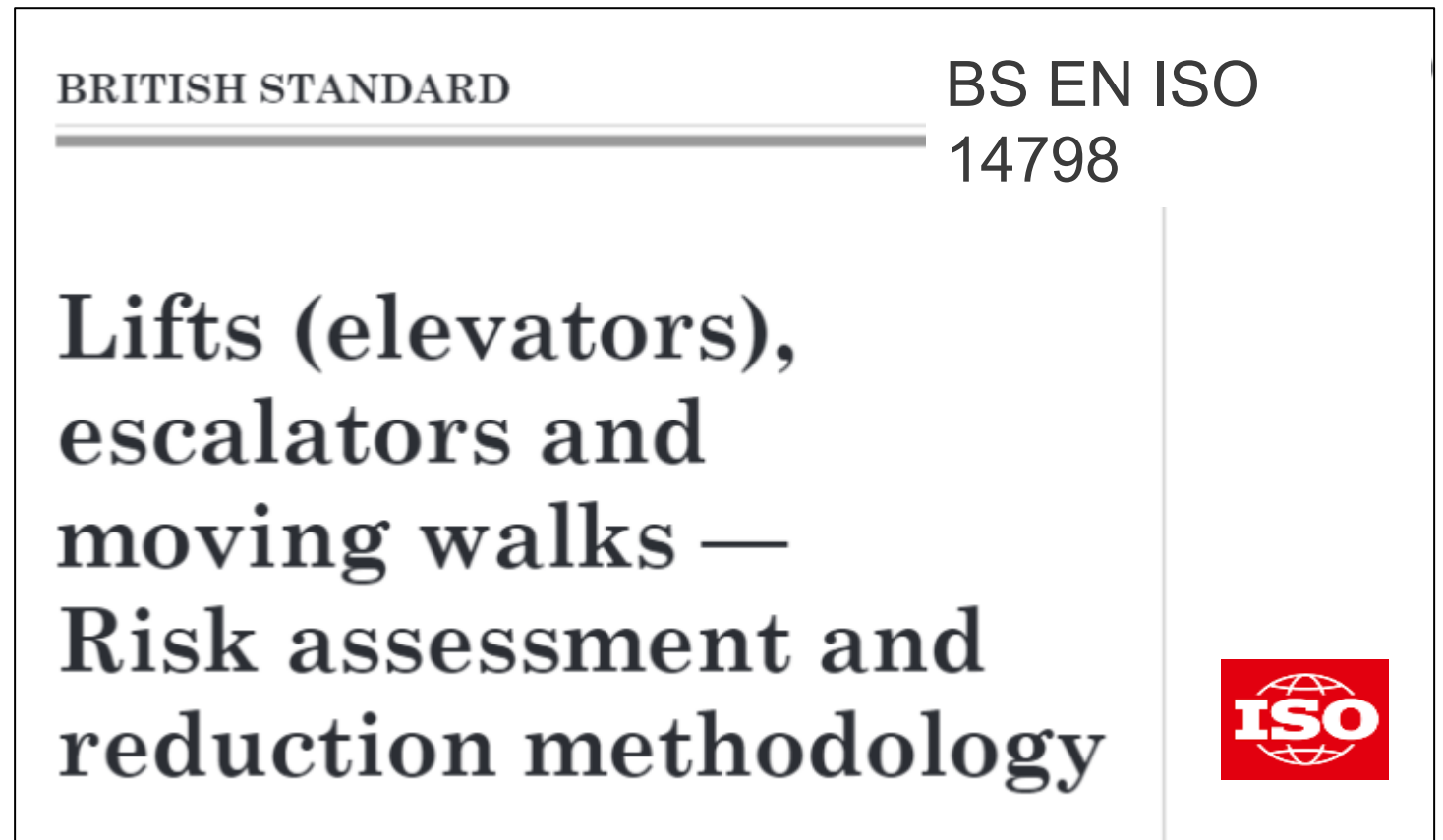
OR



MHE/4 Standards

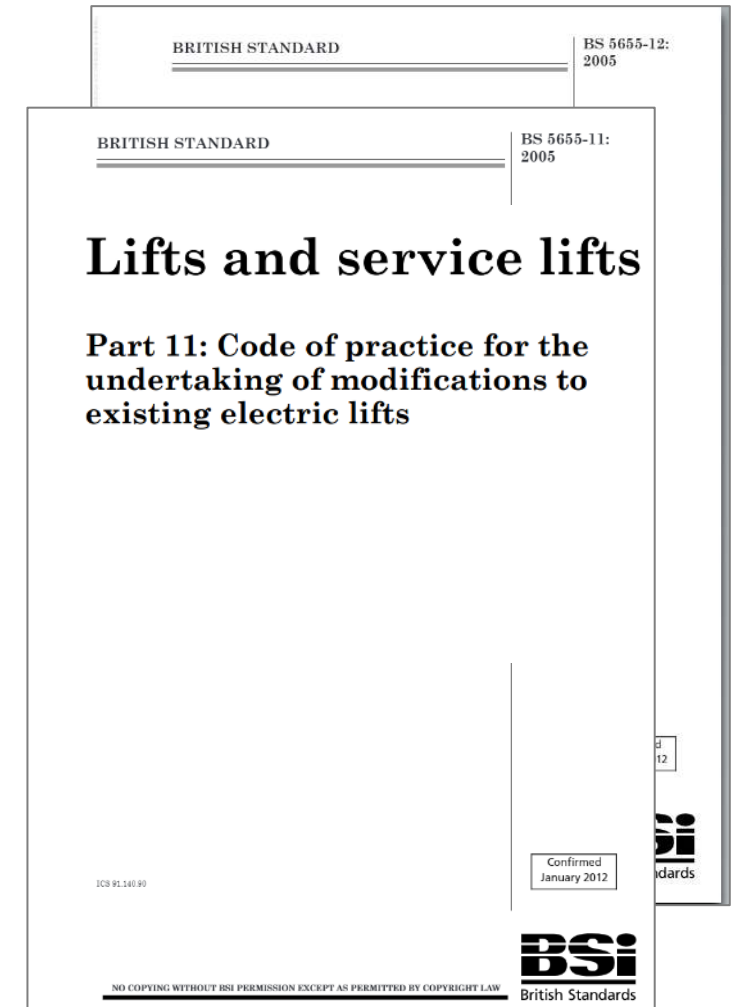
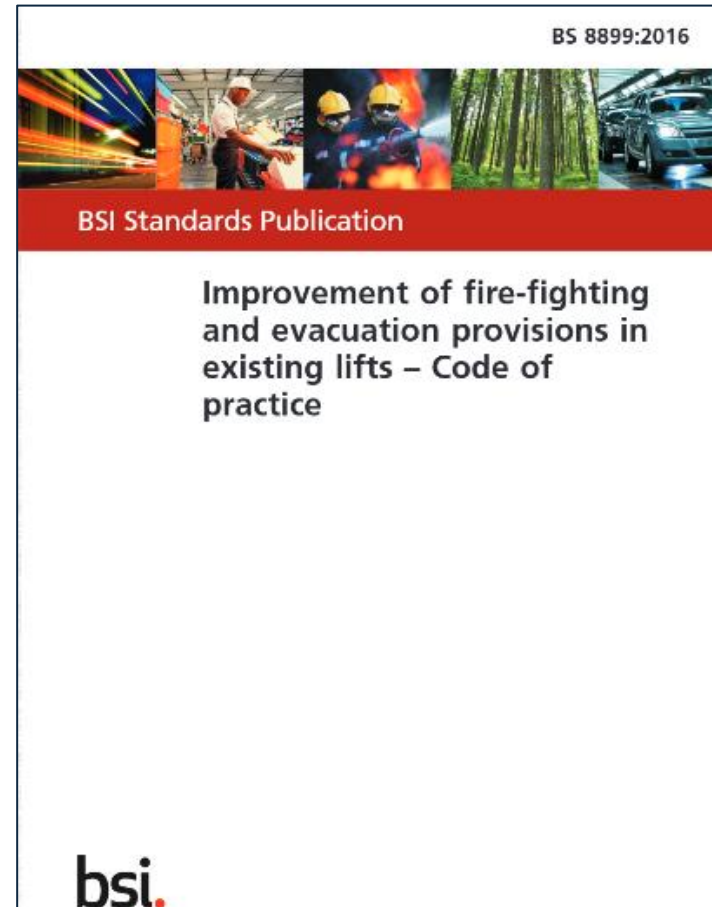
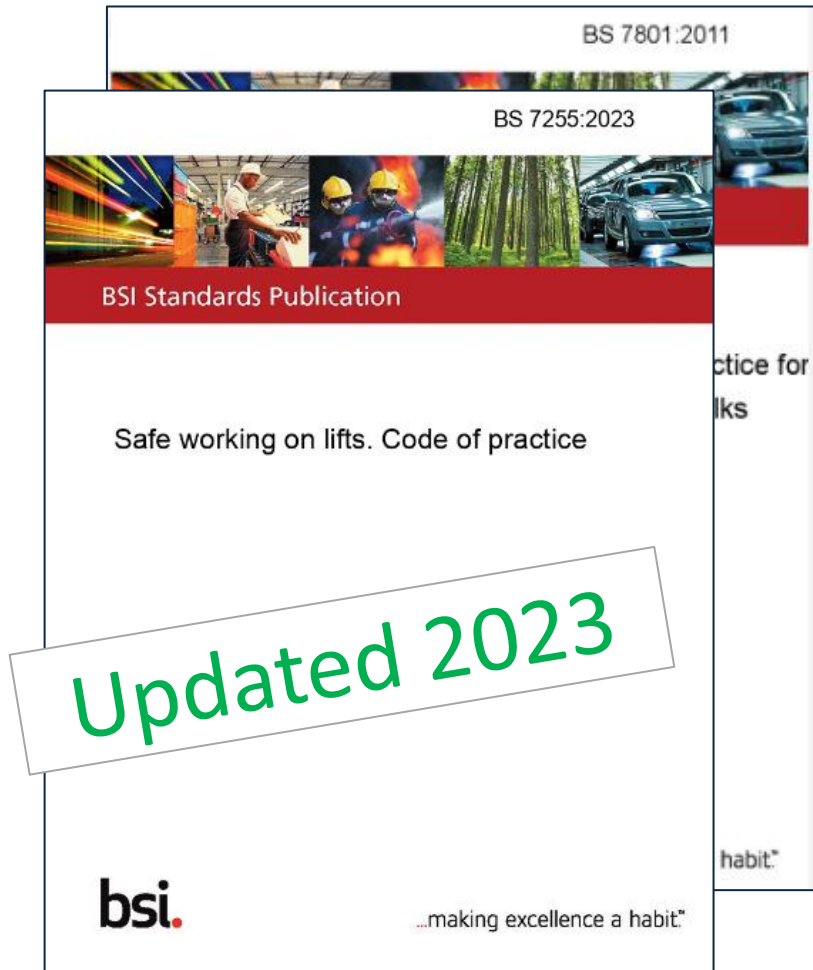
BSI published - CEN & ISO Standards

Examples of BSI published CEN & ISO Standards (not designated)

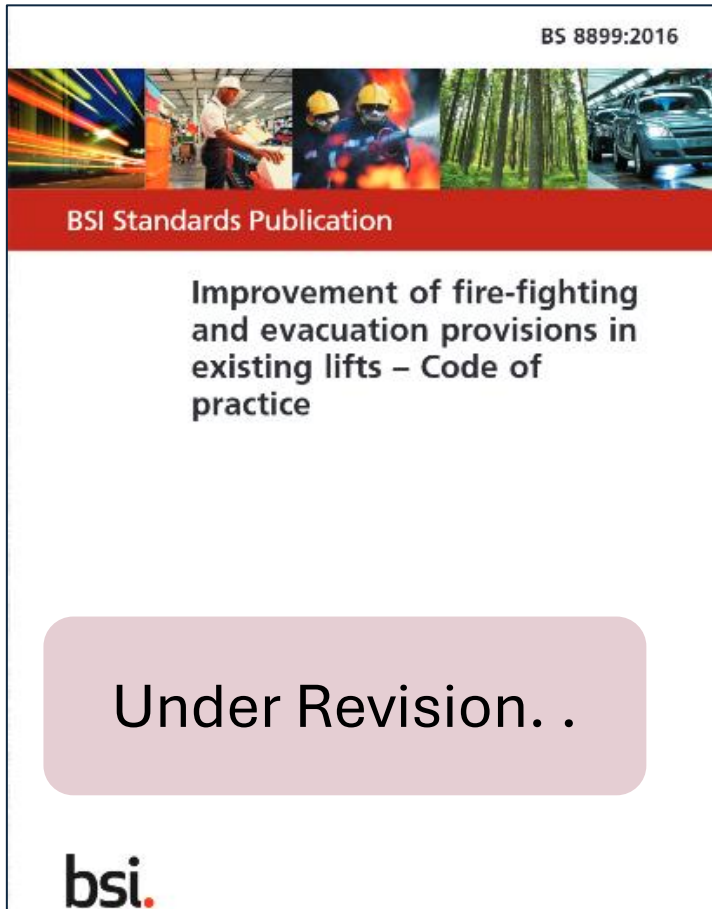


Other National British Standards

Other National British Standards



Other National British Standards



Updates

- ✓ BS 9991 and EN 81-76 will drive more demand for improve evacuation capability of existing lifts;
- ✓ provide guidance to support improvement in lifts from Inquiry Phase 2 Report. (Personal Emergency Evacuation Plans)
- ✓ provide guidance on recommendations for fire control switches
- ✓ GOV.UK Factsheet giving guidance on the Fire Safety Regulations 2022 Regulation 7, Lifts and essential fire fighting equipment contains a footnote stating
“Checks should follow BS 8899 (once revised)”

[Home](#) > [Government](#) > [Emergency preparation, response and recovery](#) > [Fire prevention and rescue](#)
> [Fire Safety \(England\) Regulations 2022](#)



Home Office

Guidance

Fact sheet: Lifts and essential fire-fighting equipment (regulation 7)

Updated 24 July 2023

2. Checks should follow BS 8899 (once revised) but in the meantime advice on checks can be found on the [Lift and Escalator Industry Association \(LEIA\) website \(PDF, 189KB\)](#). ↩

contains a footnote stating "Checks should follow BS 8899 (once revised)"



BSI Standards Publication

Improving
and evolving
existing
practices

Under F

bsi.

bsi.

National Standard complimenting - EN standards

BS EN 81-80:2019



BSI Standards Publication

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

bsi.

BRITISH STANDARD

BS 5655-11:
2005

Lifts and service lifts

Part 11: Code of practice for the undertaking of modifications to existing electric lifts

Under revision . .

ICS 91.140.90

Confirmed
January 2012

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BSi
British Standards

BS 7255:2023



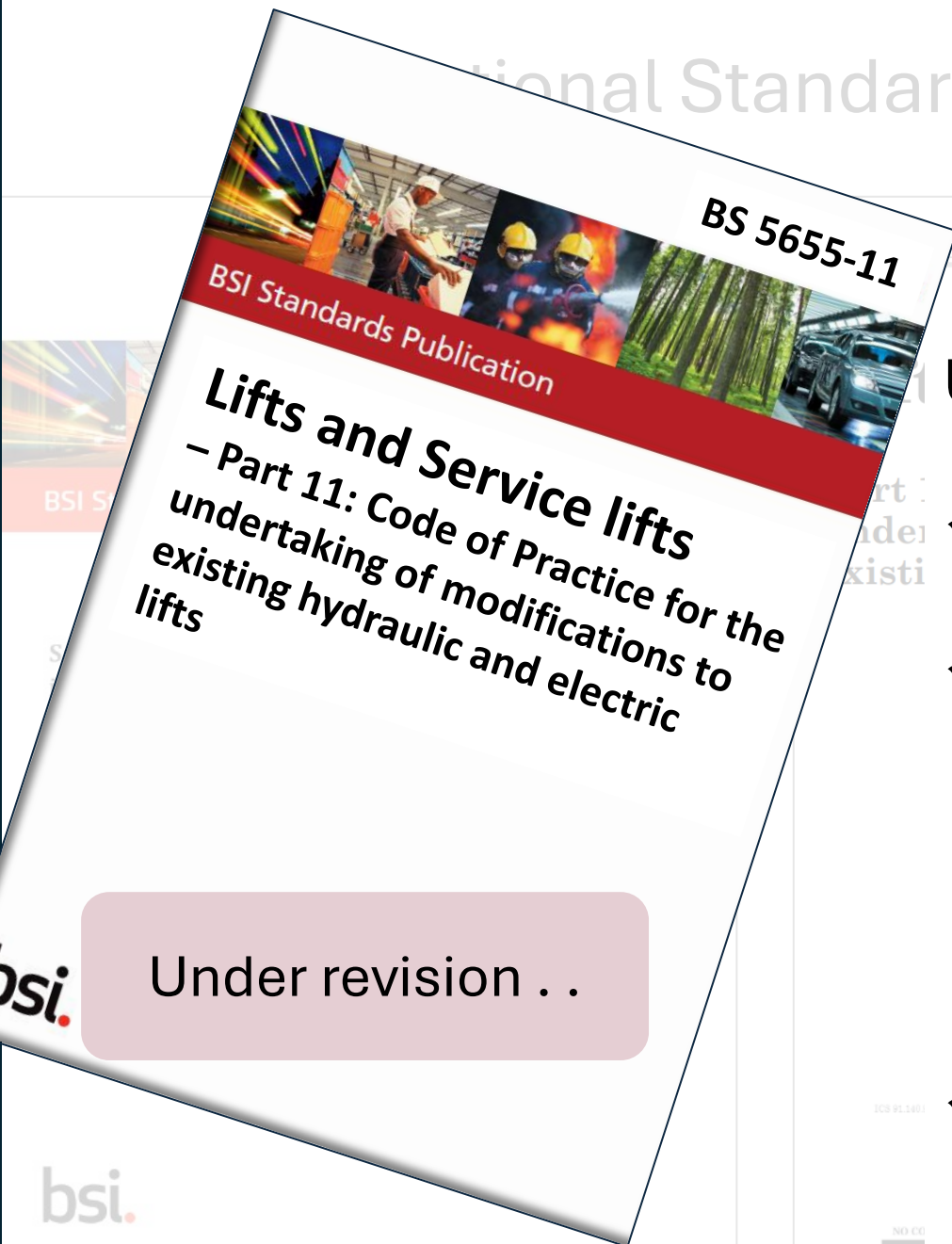
BSI Standards Publication

Safe working on lifts. Code of practice

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...making excellence a habit.™

International Standard complimenting - EN standards



Updates

- ✓ applicable to lifts in service, not applied to new lifts
- ✓ considers risk assessment and draws awareness to potential unforeseen consequential changes when
 - adding or interfacing a new component: or
 - replacing and existing component
- ✓ considers modification rather than referring to modernisations

BSI Testing Standards - BS 8486 series

BS 8486 Series of Test Documents

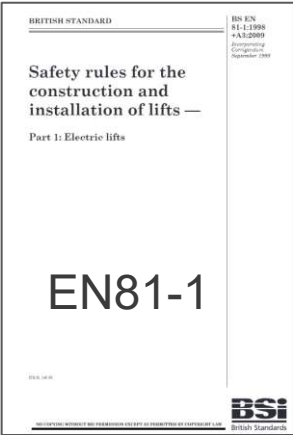


Lifts Regulations

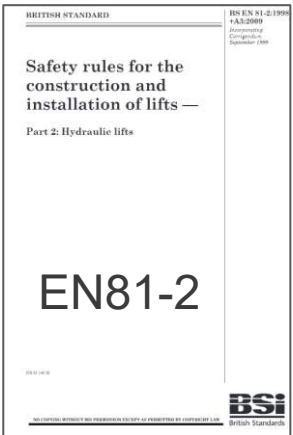


Main Standard

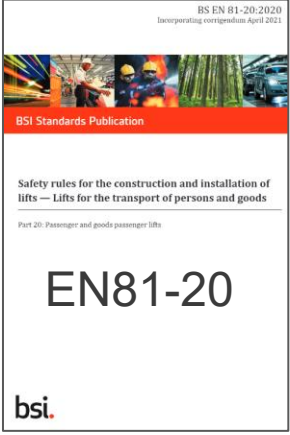
BS 8486
Part 1



BS 8486
Part 2



BS 8486
Part 3



Supplementary Standards

BS 8486 Part 4 - EN81-21

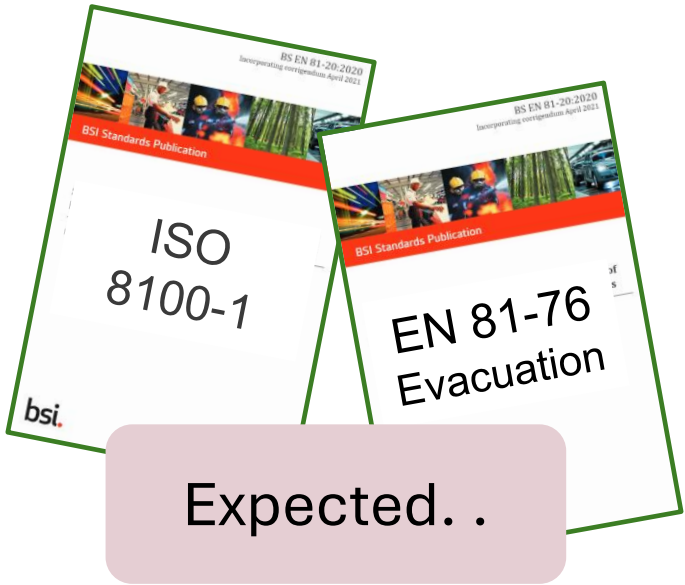
BS 8486 Part 5 - EN81-28

BS 8486 Part 6 - EN81-70

BS 8486 Part 7 - EN81-71

BS 8486 Part 8 - EN81-72

BS 8486 Part 9 - EN81-73



BS 8486 Series of Test Documents

Lifts Regulations

New test document

BS XXXX

BSI Standards Publication

Examination and test of new lifts before putting into service - Specification for means of determining compliance with BS

Part x: Passenger and Passenger goods lifts conforming to **BS EN ISO 8100-1**

New test document

BS XXXY

BSI Standards Publication

Examination and test of new lifts before putting into service - Specification for means of determining compliance with BS EN 81

Part 10: Lift features for evacuation conforming to **BS EN 81-76**

BS XXXX

New . .

BSI Standards Publication

Examination and test of new lifts before putting into service – Specification for means of determining compliance with

Part x: Passenger and Passenger goods lifts conforming to **BS EN ISO 8100-1**

Current workload for MHE/4

BS 8899:2016

BS 8899:2016

BSI Standards Publication

Lifts and Service lifts
– Part 11: Code of Practice for the undertaking of modifications to existing hydraulic and electric lifts

Under Revision.

bsi.

BSI Standards Publication

Improvement of fire-fighting and evacuation provisions in existing lifts – Code of practice

Under Revision.

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BS XXXY

New . .

BSI Standards Publication

Examination and test of new lifts before putting into service – Specification for means of determining compliance with BS EN 81

Part 10: Lift features for evacuation conforming to **BS EN 81-76**

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2025 lift ex

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