

Lifts Group

Minutes of the CIBSE Lifts Group AGM 4 February 2021



**The Chartered Institution of
Building Service Engineers**

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PRESENT

Richard Peters
Adam Scott
Gina Barney
Philip Pearson
Alan Cronin
David Cooper
Dominic Dawson
Duncan Jones
Elizabeth Evans
WeeChuan Lim
James Ferrar
John Bashford
John Naylor
John Tyson
John-Paul Phillips
Jonathan Beebe
Michael Bottomley
Mike Turner
Nick Mellor
Paul Davidson
Paul Johnson
Steve Aitken
Steward Proctor
Troy Leach

APOLOGIES

Stefan Kaczmarczyk
Len Halsey
Rory Smith
John Carroll

1. Welcome and apologies

The meeting was opened by AS.

AS gave a tribute to the late Ian Jones. A minute's silence was held.

Apologies received were noted.

2. Minutes of previous meeting

The previous minutes were reviewed and accepted without amendment.

3. Matters arising

Following last year's discussion about not publishing an AGM attendance list because of GDPR, RP advised that CIBSE were happy for us to publish the attendance list if those present agreed. All present agreed.

4. Report for 2020

RP presented a summary of the activities for 2020. The slides for his presentation are attached to these minutes.

5. AGM Elections

The following people were proposed and elected unanimously as officers for the Lifts Group:

Chairman & BSi Representative, Adam Scott

Vice Chairman, Michael Bottomley

Secretary, WeeChuan Lim

Treasurer, Richard Peters

Events Organiser (North of England), Phil Pearson

Events Organiser (South of England) & Technical Editor CIBSE Guide D, Gina Barney

Event Exhibitions, John Bashford

Training & Development, David Cooper

Press & Publicity, Phil Pearson

LEIA Representative, Nick Mellor

UoN Representative, Stefan Kaczmarczyk

International Representative USA, Rory Smith

International Representative AU, John Carroll

SAFED Representative, Vince Sharp

Len Halsey and Elizabeth Evans were stepping down from the Executive and were thanked for their service. Richard Peters was thanked for his service as Secretary.

6. Events in 2021

GB reported that the Executive were planning for online events in March and June, with a seminar in November. Topics being considered are:

- Brexit and impact on our industry
- Firefighting and evacuation lifts
- Energy – embodied and operational

RP reported that the Symposium on Lift & Escalator Technologies will be held online in 2021.

Full details of these events and instructions on how to book will be posted on the web site www.cibseliftsgroup.org as soon as they are available.

7. Training

LS could not attend but had provided the following report:

1. The question of accreditation and necessary qualifying criteria has been discussed with LEIA. Discussions are ongoing and will be widened in the coming months
2. A LEIA training module and presentation on duty holder responsibility is in the process of being developed.
3. The development of a training presentation on ‘architectural interfaces to lifts’ is planned. This is obviously aimed at architects and looks to provide a better understanding of lift layout design and key architectural interfaces to lifts and escalators.

RP also reported the discussion at the recent Lifts Group Executive meeting:

1. DC is chair of the CIBSE Careers Panel. He reported LEIA has been successful with their work on the trailblazer scheme; they are now looking for an endpoint assessment organisation. T-levels are being presented as the equivalent of two A-levels. The Building Services course has nothing on lifts and escalators; representations have been made to City & Guilds, who are custodians.
2. RP reported that they were hosting courses by DC on Safe Release and Safe Working on lifts at Bridge House, Great Missenden. There was a general discussion about training required, and how the Lifts Group can promote what is available.

8. Treasurer’s report

DC could not attend, but RP presented the accounts which were approved unanimously. A copy is attached to these minutes. It was noted the GoToMeeting subscription was no longer required and has been cancelled.

9. Standards and Regulations

AS provided an update of the current status on standards. His notes are attached to these minutes.

10. Any other business

None.

11. Next meeting

Then next Lifts Group AGM and Evening Meeting will be in February 2022. The final date will be set to follow the February *MHE/4 - Lifts, hoists and escalators* standards meeting so that the report back to the Lifts Group includes the latest news.

12. Presentations

The meeting continued with the following presentations on Accessibility:

1. Equality of Access to Audio for People with Hearing Loss, presented by Jonathon Hoskin, Ampetronic.
2. Overview of the Ins and Outs of BS8300 – Accessible built environments, presented by Phil Pearson, Pearson Consult Ltd.



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London Evening Meeting and AGM 4 February 2020



“Equality of Access to Audio for People with Hearing Loss” presented by Jonathon Hoskin, Ampetronic.

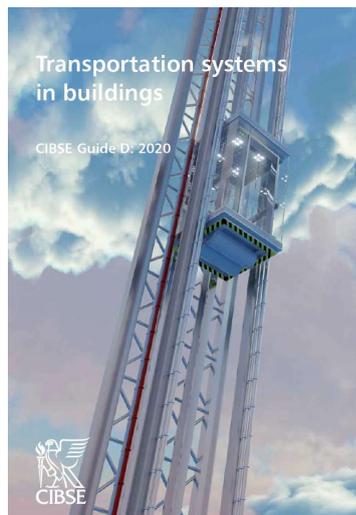


“Overview of the Ins and Outs of BS8300 – Accessible built environments” presented by Phil Pearson, Pearson Consult Ltd.

27 attended

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CIBSE Guide D 2020 publication and launch event September



*Technical Editor,
Dr Gina Barney*

Principal authors (6th edition)

Dr Gina Barney (Gina Barney Associates), Dr Jonathan Beebe (Consultant), Paul Burchett (Schindler Ltd.), John Carroll (Norman Disney & Young), David A Cooper (LECS (UK) Ltd.), Ian Jones (Otis Ltd.), John McSweeney (independent consultant), Nick Mellor (Lift and Escalator Industry Association (LEIA)), Stephen Normington (KONE plc), Dr Richard Peters (Peters Research Limited), Adam Scott (Sweco), Vincent Sharpe (Allianz ECP), Derek Smith (retired, previously OTIS UK), Michael Turner (Lester Control Systems Ltd.)

Contributing authors (6th edition)

Dr Lutfi Al-Sharif (University of Jordan), Wolf Ehry (LIFTpro), Iain Forbester (Serapid Ltd.), Jonathon Hoskin (Ampetronic), Rob Keane (Hydratec), Ben Langham (LUL), Gordon Lucas (ILECS), Brian Preston (Magnetek UK Ltd.), Dr Rory Smith (Consultant) Don Vollrath (Magnetek inc.), Russell Walker (Atwell International Ltd.)

107 attended launch event on
Zoom/YouTube

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11th Symposium on Lift & Escalator Technology with The University of Northampton & LEIA 23-25 September 2020

Seventeen peer reviewed technical papers.

Panel discussions on “The Lift Industry & Covid” and “The future for Standards in the Lift Industry”

The Lift And Escalator Symposium Educational Trust
Charity No 1170947

LIFT & ESCALATOR
SYMPOSIUM

www.liftsymposium.org for proceedings & videos

341 registrations

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CIBSE Lifts Group Accounts 2020

	Expenditure	Income	
Balance brought forward as at 1 February 2020			£5,753.20
AGM 2020 – 4 February 2020			
Dinner for speakers and exec	£159.56		£5,593.64
Sundial Group, Highgate House - 3 June 2020	£843.00		£4,750.64
25% cancellation charge for CIBSE Guide D: 2020 Launch			
Eventbrite - 1 October 2020			
Registration Fees for Virtual CIBSE Guide D: 2020 Launch		£655.88	£5,406.52
			£5,406.52
Balance as at 31st January 2021			£5,406.52

David Cooper
Treasurer.



CODES & STANDARDS 2021 AGM UPDATE



Many businesses currently use European harmonised standards to provide a presumption of conformity with the relevant EU laws. At the end of the transition period on 31 December 2020, the essential legal requirements that businesses must meet did not change. All harmonised standards that give a presumption of conformity to EU law became 'designated standards' by the references published on GOV.UK. Businesses can use designated standards to provide presumption of conformity with GB law.

Guidance

Designated standards: lifts

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

Published 9 December 2020

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

Applies to: **Wales, England, and Scotland**

Documents



[Designated standards: lifts – notice of publication, 1 January 2021](#)

PDF, 121KB, 3 pages



[Designated standards: lifts – consolidated list, version 1, 1 January 2021](#)

ODS, 7.14KB

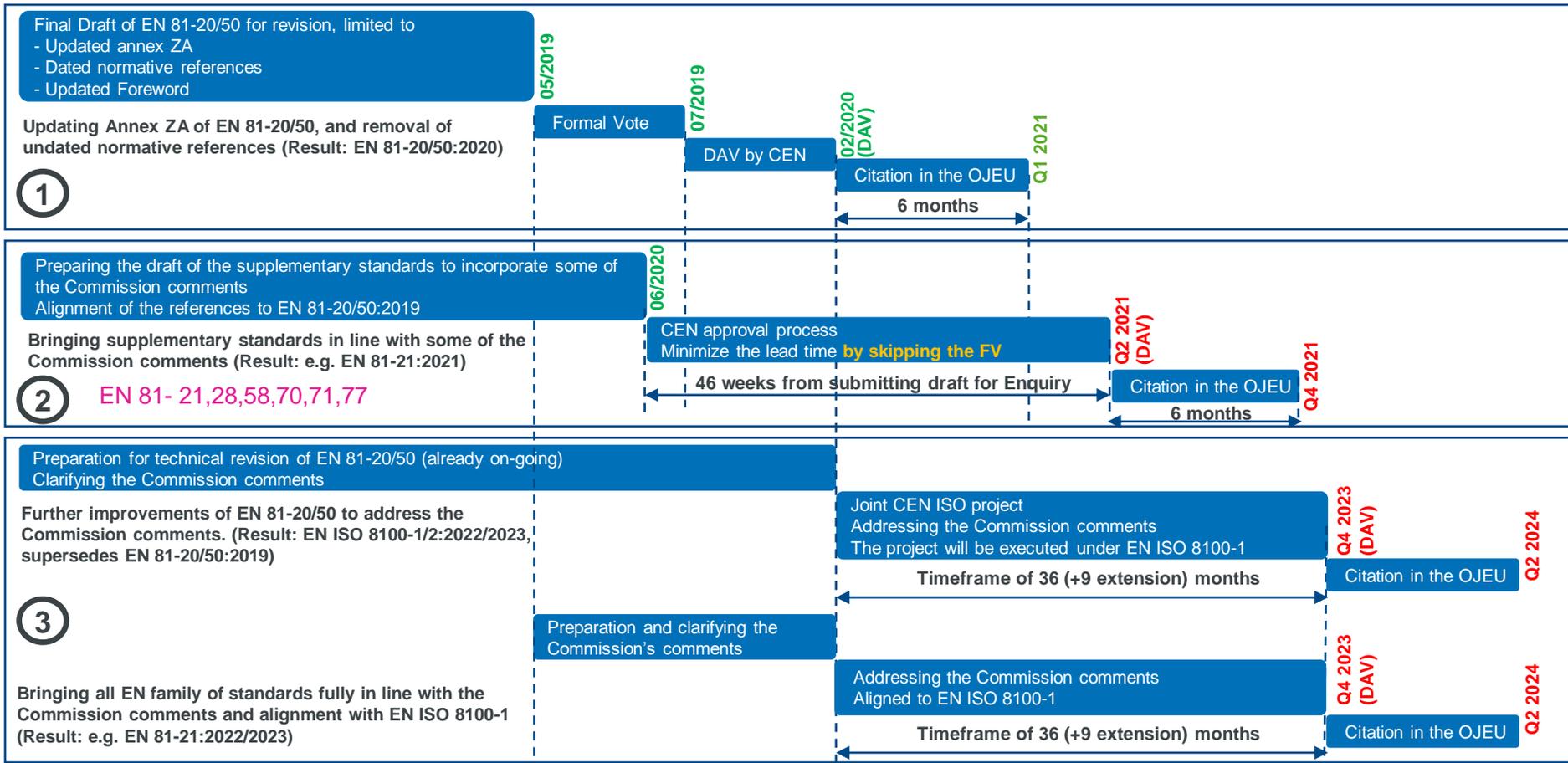
This file is in an [OpenDocument](#) format

<https://www.gov.uk/government/publications/designated-standards-lifts>

v1: 01/01/2021	The summary below consolidates the published references of standards. It reproduces information already in notices of publication. It contains all references which, when the summary was generated, still provided a presumption of conformity together with references already removed. The summary does not as such generate legal effects.			
Legislation reference (A)	Reference number of the designated standard (B)	Title of the designated standard (C)	Date of start of presumption of conformity (1)	Notice of Publication reference (2)
S.I. 2016 No. 1093	EN 81-20:2014	Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 20: Passenger and goods passenger lifts	01/01/2021	0014/21
S.I. 2016 No. 1093	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	01/01/2021	0014/21
S.I. 2016 No. 1093	EN 81-22:2014	Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 22: Electric lifts with inclined path	01/01/2021	0014/21
S.I. 2016 No. 1093	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	01/01/2021	0014/21
S.I. 2016 No. 1093	EN 81-50:2014	Safety rules for the construction and installation of lifts - Examinations and tests - Part 50: Design rules, calculations, examinations and tests of lift components	01/01/2021	0014/21
S.I. 2016 No. 1093	EN 81-58:2003	Safety rules for the construction and installation of lifts - Examination and tests - Part 58: Landing doors fire resistance test	01/01/2021	0014/21
S.I. 2016 No. 1093	EN 81-70:2003, EN 81-70:2003/A1:2004	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	01/01/2021	0014/21
S.I. 2016 No. 1093	EN 81-71:2005+A1:2006	Safety rules for the construction and installation of lifts - Particular applications to passenger lifts and goods passenger lifts - Part 71: Vandal resistant lifts	01/01/2021	0014/21
S.I. 2016 No. 1093	EN 81-72:2015	Safety rules for the construction and installation of lifts - Particular applications for passenger and goods passenger lifts - Part 72: Firefighters lifts	01/01/2021	0014/21
S.I. 2016 No. 1093	EN 81-73:2016	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	01/01/2021	0014/21
S.I. 2016 No. 1093	EN 81-77:2013	Safety rules for the construction and installations of lifts - Particular applications for passenger and goods passenger lifts - Part 77: Lifts subject to seismic conditions	01/01/2021	0014/21
S.I. 2016 No. 1093	EN 12016:2013	Electromagnetic compatibility - Product family standard for lifts, escalators and moving walks - Immunity	01/01/2021	0014/21
S.I. 2016 No. 1093	EN 12385-3:2004+A1:2008	Steel wire ropes - Safety - Part 3: Information for use and maintenance	01/01/2021	0014/21
S.I. 2016 No. 1093	EN 12385-5:2002, EN 12385-5:2002/AC:2005	Steel wire ropes - Safety - Part 5: Stranded ropes for lifts	01/01/2021	0014/21
S.I. 2016 No. 1093	EN 13015:2001+A1:2008	Maintenance for lifts and escalators - Rules for maintenance instructions	01/01/2021	0014/21
S.I. 2016 No. 1093	EN 13411-7:2006+A1:2008	Terminations for steel wire ropes - Safety - Part 7: Symmetric wedge socket	01/01/2021	0014/21

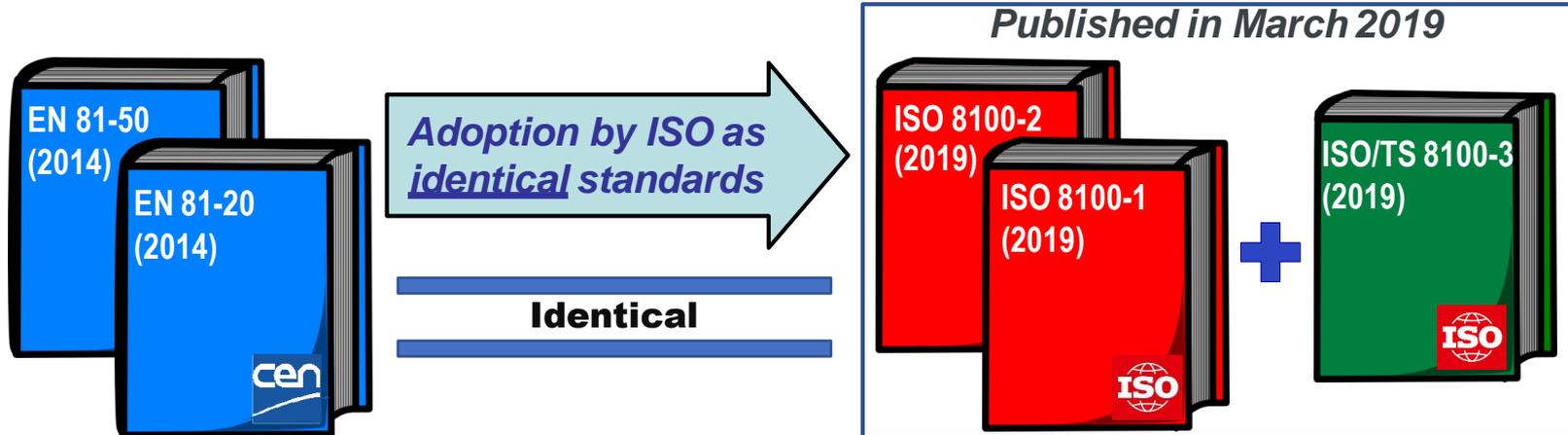
Roadmap for citation of hENs for lifts (Sreq M/549)

Roadmap for citation of harmonised standards for lifts



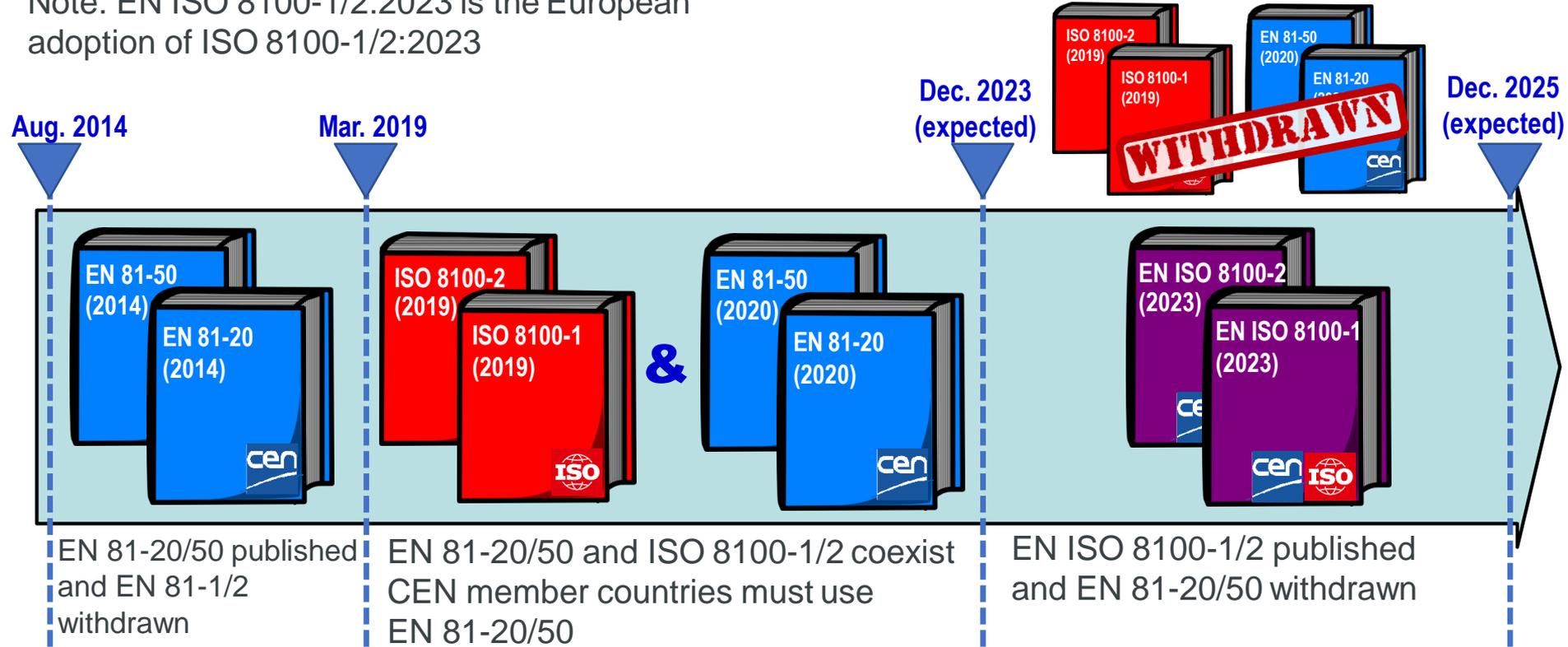
EN 81-20/50 → EN ISO 8100-1/2

- EN 81-20/50 have been adopted as ***identical*** ISO 8100-1/2 standards
 - ISO/TS 8100-3 lists differences with A17.1 and JIS standards
 - **EN 81-20/50 and ISO 8100-1/2 coexists**
 - Countries that have adopted EN 81-20/50 are already aligned with ISO 8100-1/2
 - Current worldwide harmonization of technical and safety requirements is maintained
 - Countries that have not yet adopted EN 81-20/50, may decide to adopt ISO 8100-1/2



EN 81-20/50 → EN ISO 8100-1/2

Note: EN ISO 8100-1/2:2023 is the European adoption of ISO 8100-1/2:2023



The London Plan

Publication London Plan

December 2020

The Spatial Development Strategy
for Greater London



Policy D5 Inclusive design

- A Boroughs, in preparing their Development Plans, should support the creation of inclusive neighbourhoods by embedding inclusive design, and collaborating with local communities in the development of planning policies that affect them.
- B Development proposal should achieve the highest standards of accessible and inclusive design. They should:
- 1) be designed taking into account London's diverse population
 - 2) provide high quality people focused spaces that are designed to facilitate social interaction and inclusion
 - 3) be convenient and welcoming with no disabling barriers, providing independent access without additional undue effort, separation or special treatment
 - 4) be able to be entered, used and exited safely, easily and with dignity for all
 - 5) be designed to incorporate safe and dignified emergency evacuation for all building users. In all developments where lifts are installed, as a minimum at least one lift per core (or more subject to capacity assessments) should be a suitably sized fire evacuation lift suitable to be used to evacuate people who require level access from the building.
- C Design and Access Statements, submitted as part of development proposals, should include an inclusive design statement.

Evacuation Lifts

1. Policy D5 of the London Plan requires the highest standards of accessible and inclusive design to be met, stating:

"3.5.2 Inclusive design is indivisible from good design. It is therefore essential to consider inclusive design and the development's contribution to the creation of inclusive neighbourhoods at the earliest possible stage in the development process - from initial conception through to completion and, where relevant, the occupation and on-going management and maintenance of the development."

2. Policy D5(B5) requires development proposals to be:

5) ...designed to incorporate safe and dignified emergency evacuation for all building users. In all developments where lifts are installed, as a minimum at least one lift per core (or more subject to capacity assessments) should be a suitably sized fire evacuation lift suitable to be used to evacuate people who require level access from the building."

London Plan Policy D5(B5) is applicable to all development proposal applications.

3. This guidance provides additional information in relation to Policy D5(B5) requirements for evacuation lifts.
4. It presents a methodology for applicants and planning officers to use and provides additional guidance and context on evacuation lifts to enable greater understanding of the subject during the planning process.
5. For major development proposals it should be read in conjunction with the Mayor's London Plan Guidance Sheet Policy D12(B) Fire Statements.

What is an evacuation lift?

6. An evacuation lift is a lift that has been specifically designed to be used in an evacuation situation. Evacuation lifts are particularly beneficial for people who require level access. Evacuation lifts can be used in 'automatic mode', under the direction of one of the following:
- building management
 - a trained evacuation assistant
 - rescue services.

Annex B - Evacuation lifts vs firefighting lifts

- B1. Evacuation lifts should be not misinterpreted as firefighting lifts. The differences between them are outlined in greater detail below. Applicants must not make provision for the installation of a firefighting lift where an evacuation lift is required by London Plan Policy D5(B5).

	Evacuation lifts	Firefighting lifts
Description	<p>A lift system specifically designed to be used in an evacuation situation for the evacuation of people, including people who require level access.</p> <p>These lifts are generally used as normal passenger lifts until required for the purposes outlined above.</p>	<p>A lift system for use of the fire and rescue service to facilitate the safe conveyance of firefighting personnel and equipment in the event of an emergency.</p> <p>These lifts are generally utilised as normal passenger lifts until required by the fire and rescue service for the purposes outlined above.</p>
Key Features	<p>Cause and effect interface between the lift control system, fire detection and alarm system to support the evacuation strategy.</p> <p>Emergency intercom/ communication system and lift operation.</p> <p>Provision of a management plan to determine operational procedures for trained staff designated to manage and use the lift in an emergency situation.</p> <p>Separate power supply to the lift to enable the lift to remain in use throughout the evacuation process.</p>	<p>Cause and effect interface between the lift control, fire detection and alarm system.</p> <p>Emergency intercom system and lift operation.</p> <p>Provision for trap doors and ladders for rescue operations.</p> <p>Separate power supply to enable the lift to remain in use.</p> <p>Water protection provisions for electrical components in the shaft and on the lift car.</p>
Relevant British Standard	BS EN 81-76	BS EN 81-72

Revision starting this year for BS 7255 – safe working on lifts

To be followed by a revision of BS 7801 – safe working on escalators

And then BS9102 – safe working on lifting platforms

BS 5655 Part 11 & 12

BS 5655 Part 6 – planned revision probably starting end of this year

CODES & STANDARDS 2021 AGM UPDATE

