CIBSE Guide D: 2025

Chapter 6 – Firefighters lifts and evacuation lifts
What does Chapter 6 do?

*Firefighters lifts and evacuation lifts*

- Introduction
- Need for firefighters lifts
- Design considerations for firefighters lifts
- Testing, maintenance and modernisation of firefighters lifts
- Evacuation lifts
- Design considerations of evacuation lifts
- Use of non-evacuation lifts for the evacuation of disabled people
- Using lifts for general evacuation
What has changed since 2020?

• “Revision” of EN 81-72:2020 – update references
• Next revision will not be ready until after 2025
• Fire Safety (England) Regulations 2022
• Building Safety Act
• Revisions of BS 9991, Approved Document B
• Improvement of lifts for the use of firefighters

Conclusion:
• Tighten-up terminology
• More on identification, routine checks and information
What has changed since 2020?

- New EN 81-76 expected in 2024
- Revisions of BS 9991 expected in 2024
  *Could reference EN 81-76 if available early enough*
- Revision of Approved Document B expected
  *HRBs: linked to second stair issue – recent SoS announcement*
- Independent evacuation of people who require level egress?
- Further guidance on specification including capacity assessment?
- How can evacuation provision in existing buildings be improved?
- Also FSER 2022 and Building Safety Act
- *Conclusion: significant work needed including” + previous items*
Revision of BS 9991 & prEN 81-76

**EN 81-76 drafting**
- Drafting (since Jan 2014)
- 1st public enquiry prEN 81-76
  - Nov 2019
- Comment resolution and 2nd WI
- 2nd public enquiry prEN 81-76
  - September 2022
- Publication EN 81-76
  - by October 2024?

**BS 9991 revision**
- Revision started
  - Oct 2020
- Drafting
- DPC
  - Aug 2021
- Comment resolution and final draft
- Publication BS 9991
  - Not before June 2024?
Evacuation lifts – challenges

User/client demand for automatic evacuation operation for new residential buildings

- London Plan reflects an expectation
- Demand for guidance to clarify second stair for HRBs following SoS for LUHC statement in July
- Risk of inconsistent (and poorly engineered?) solutions without benchmarks

User/client demand for improving evacuation provision in existing buildings?
Feedback needed

- Is chapter 6 useful?
- Who is it for?
- Can it be improved?
- Are there specific issues we see that we should alert users to and provide guidance?
Questions?