CIBSE Guide D: 2025

Chapter 15 – Commissioning, testing, maintenance and thorough examination

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What does Chapter 15 do?

Commissioning, testing, maintenance and thorough examination

- Introduction

- Four plant types: i) Lifts

  ii) Escalators/moving walks

  iii) Vertical lifting platforms

  iv) Stairlifts & inclined lifting platforms

- Five areas in each plant type: 1) Overview

  2) Commissioning

  3) Testing

  4) Planned preventative maintenance

  5) Thorough Examinations

What has changed since 2020?

Lifts

- Safe working on Lifts BS7255 expected 2023/early 2024

- Fire Safety (England) Regulations 2022

- Building Safety Act

- Lift Guidelines (currently under review)

Conclusion:

- Tighten-up on safety when working on lifts

- Regular tests to comply with the Fire Safety (England) Regs

- Lift Guidelines, a more periodic approach

What has changed since 2020?

Escalators/moving walks

- Machinery Regulations 2023 implementation January 2027

- "Revision" of EN 115-2:2021

Conclusion:

- New regulations tightened up wording (may not be implemented in UK)

- EN 115-2:2021, brought in line with EN 115-1:2017

- Very few changes

What has changed since 2020?

Vertical lifting platforms

- Machinery Regulations 2023 implementation January 2027

- EN81-41, is currently under revision

- EN 81-42 fully enclosed carriers, currently in the development stage expected to be published 2025/26

- EN 81-45 non-enclosed and EN81-46 through floor lifts, currently in drafting phase

Conclusion:

- New regulations tightened up wording (implemented UK?)

- Very few changes currently, next few years there could be

What has changed since 2020?

Stairlifts and inclined lifting platforms

- Machinery Regulations 2023 implementation January 2027

- EN81-40, published 2020 and implemented Sept 2022

Conclusion:

- New regulations tightened up wording (may not be implemented in UK)

- More detail on verification testing

- Very few other changes

Chapter 15 – challenges for the future

Duty holders understanding their responsibilities

Selection of suitable Competent Persons

"Lift Guidelines", the revised document?

Consistency of testing, especially following refurbishment

Suitable and sufficient maintenance

Maintenance of the future, data driven schedules, remotely monitored via camera or ?

Feedback needed

- Is chapter 15 useful?

- Can it be improved?

- Are there specific issues that we should alert users to and provide guidance?

- Are there any particular questions on this chapter, we would like feedback from the audience?

Questions?