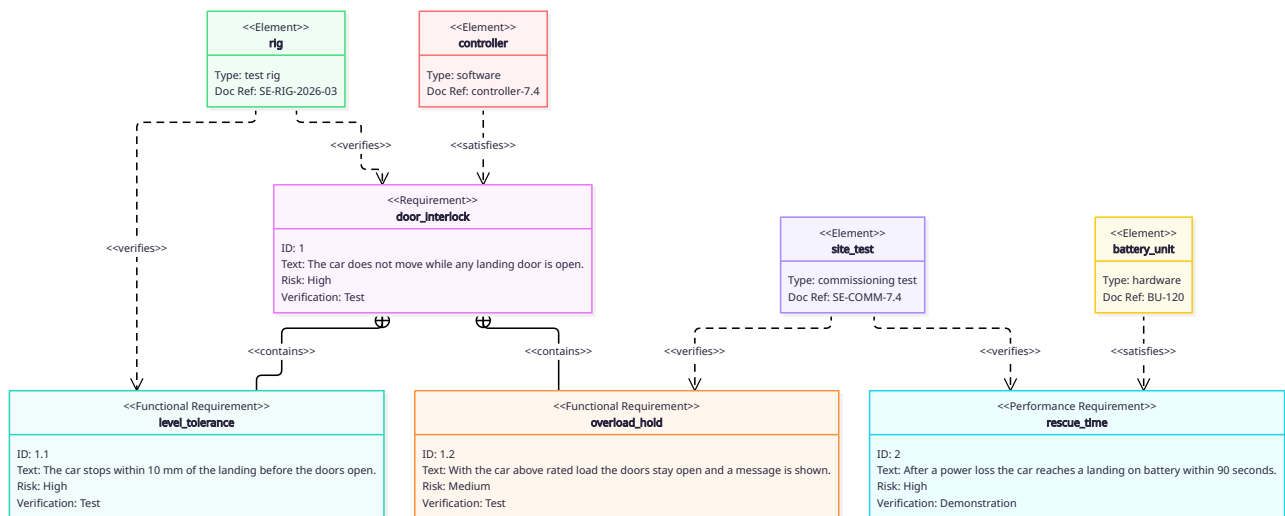


Passenger lift controller: safety requirements and verification

Version 3.2. Controller software release 7.4. Owner: the safety engineering lead. Assessment by the notified body on 8 June 2026.

This sheet is the control document for the four safety requirements the controller software has to meet before a release is installed in a building. Every requirement names the method that verifies it and the evidence kept in the safety file.

Requirements



Verification and result for release 7.4

Id	Requirement	Method	Limit	Result
1	No movement with a door open	10,000 cycles on the rig with forced door faults	0 movements	0 movements in 10,000 cycles
1.1	Stop within 10 mm of the landing	2,000 stops on the rig at rated and empty load	10 mm	Worst case 6.2 mm
1.2	Overload holds the doors	Commissioning test at 110 per cent of rated load	Doors stay open	Passed in 12 of 12 installations
2	Rescue within 90 seconds	Commissioning test with the mains isolated	90 s	Worst case 41 s

Installations covered

Site	Lifts	Commissioned
Residential tower, 32 floors	4	14 April 2026

Site	Lifts	Commissioned
Hospital, main block	6	28 April 2026
Railway station, platform access	2	12 May 2026

Caution

Requirement 1 has no software-only fallback. If the door interlock input is lost the controller stops the car at the next landing and takes the lift out of service until a technician resets it on site.

Path to the assessment

- ☒ Rig tests complete, 15 May 2026
- ☒ Commissioning tests on the 12 installations, 12 May 2026
- ☐ Internal review of the safety file, 1 June 2026
- ☐ Assessment by the notified body, 8 June 2026

All organizations in the sample documents are invented. Names and figures are illustrative.