



BSI Standards Publication

Safety rules for the construction and installation of lifts. Examination and tests

Part 58: Landing doors fire resistance test

National foreword

This British Standard is the UK implementation of EN 81-58:2018. It supersedes BS EN 81-58:2003, which will be withdrawn on 31 October 2019.

This standard forms part of a series of standards concerning the safe design of passenger and goods passenger lifts. As such, it is intended to be read in conjunction with the other standards in the series: in particular, BS EN 81-20, the base standard for the design of new lifts.

During the transition period between publication of BS EN 81-58:2018 and the withdrawal of BS EN 81-58:2003, there are two possible applications of BS EN 81-58 to the design of a new lift:

- 1 BS EN 81-58:2018 can be used in conjunction with BS EN 81-20:2014.
- 2 BS EN 81-58:2003 can be used with BS EN 81-20:2014 until 31 August 2019. BS EN 81-58:2003 references BS EN 81-1 and BS EN 81-2 which are withdrawn. See Annex A of PD CEN/TR 81-12:2014 for a correlation between the clauses of BS EN 81-1:1998+A3:2009 and BS EN 81-2:1998+A3:2009 with the clauses in BS EN 81-20:2014 and EN 81-50:2014. Attention is drawn to the need for additional approval for the lift from a Notified Body.

Attention is also drawn to the following statement published on the UK Building Regulations website (www.gov.uk/government/policies/building-regulation) as a frequently asked question (FAQ) about Approved Document B of the Building Regulations:

“Are lift landing doors which have been tested and classified in accordance with the European standard EN 81-58 an adequate alternative to doors tested and classified to BS 476-22?”

The Department has commissioned some comparative testing of doors using these two standards. The conclusions of this work are that for the purposes of Item 2.d of Table B1 (provisions for fire doors) of Approved Document B (Vol2), results from EN 81-58 tests can be accepted as equivalent to BS 476-22.”

The UK committee draws users’ attention to the Lifts Regulations 2016 and the need for approval from a Notified Body (e.g. Design Examination Certificate) for the use of lift landing doors to BS 476-22:1987 in new lifts.

The UK participation in its preparation was entrusted to Technical Committee MHE/4, Lifts, hoists and escalators.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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