

BS 7036-0:2014



BSI Standards Publication

Power operated pedestrian doorsets – Safety in use

Part 0: Code of practice for risk assessment and risk reduction

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Foreword

Publishing information

This part of BS 7036 is published by BSI Standards Limited, under licence from The British Standards Institution, and came into effect on 31 October 2014. It was prepared by Technical Committee MHE/31, *Automatic power operated pedestrian doors*. A list of organizations represented on this committee can be obtained on request to its secretary.

Supersession

Together with BS EN 16005:2012, this part of BS 7036 supersedes BS 7036-1:1996, BS 7036-2:1996, BS 7036-3:1996, BS 7036-4:1996 and BS 7036-5:1996, which are withdrawn.

Relationship with other publications

BS 7036-0 is intended to be read in conjunction with BS EN 16005.

Information about this document

This is a new part of BS 7036, which has been developed to take into account the publication of BS EN 16005:2012. For doorsets that were installed prior to 2012, BS 7036-1:1996, BS 7036-2:1996, BS 7036-3:1996, BS 7036-4:1996 and BS 7036-5:1996 still apply.

The intention of this part of BS 7036 is to help its users to identify and eliminate hazards associated with power operated pedestrian doorsets, so that risks are controlled and minimized.

The initial text of this part of BS 7036 was provided by the Automatic Door Suppliers' Association and due acknowledgement is made to this organization.

Use of this document

As a code of practice, this part of BS 7036 takes the form of guidance and recommendations. It should not be quoted as if it were a specification and particular care should be taken to ensure that claims of compliance are not misleading.

Any user claiming compliance with this part of BS 7036 is expected to be able to justify any course of action that deviates from its recommendations.

It has been assumed in the preparation of this part of BS 7036 that the execution of its provisions will be entrusted to appropriately qualified and experienced people, for whose use it has been produced.

Presentational conventions

The provisions of this standard are presented in roman (i.e. upright) type. Its recommendations are expressed in sentences in which the principal auxiliary verb is "should".

Commentary, explanation and general informative material is presented in smaller italic type, and does not constitute a normative element.

Contractual and legal considerations

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

Compliance with a British Standard cannot confer immunity from legal obligations.

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Section 1: General

1 Scope

This part of BS 7036 gives recommendations for risk assessment and risk reduction for power operated pedestrian doorsets conforming to BS EN 16005 with a view to safeguarding users against the risk of injury and accidents. It gives guidance on the process of undertaking hazard analysis and risk assessments, and provides technical advice.

It is intended to be used by suppliers, installers, specifiers, occupiers, property owners and duty holders. It is also intended to be used by designers of the application into which the doorset is to be installed.

It does not cover the manufacture or design of power operated pedestrian doorsets, which are covered in BS EN 16005.

NOTE 1 Performance requirements and test methods for power operated pedestrian doorsets other than swing type are given in BS EN 16361. Performance requirements and test methods for external swing doors are given in BS EN 14351-1.

NOTE 2 Although this part of BS 7036 is not intended to include industrial-type power operated doors (which are excluded from the scope of BS EN 16005), the guidance given might be helpful for such installations.

NOTE 3 Although this part of BS 7036 is intended for general use, it might not be fully applicable to some installations used only by trained personnel where instruction on the safe use of power operated doors has been given. Where special security requirements conflict with safety recommendations, specialist advice is advised.

NOTE 4 Power operated pedestrian doorsets are commonly referred to as automatic doors.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

BS 6206, *Specification for impact performance requirements for flat safety glass and safety plastics for use in buildings*

BS 6762 (all parts), *Glazing for buildings*

BS 6771, *Requirements for electrical installations – IET Wiring Regulations – Seventeenth edition*

BS 9999, *Code of practice for fire safety in the design, management and use of buildings*

BS EN 1760-1, *Safety of machinery – Pressure sensitive protective devices – Part 1: General principles for the design and testing of pressure sensitive mats and pressure sensitive floors*

BS EN 16005, *Power operated pedestrian doorsets – Safety in use – Requirements and test methods*¹⁾

BS EN ISO 12100, *Safety of machinery – General principles for design – Risk assessment and risk reduction*²⁾

¹⁾ This standard also gives informative references to BS EN 16005:2012.

²⁾ This standard also gives informative references to BS EN ISO 12100:2010.