

Technical systems and aids for disabled or handicapped persons — Wheelchair tiedown and occupant-restraint systems —

Part 3: Docking-type tiedown systems

ICS 11.180.10

National foreword

This British Standard reproduces verbatim ISO 10542-3:2005 and implements it as the UK national standard.

The UK participation in its preparation was entrusted by Technical Committee CH/173, Technical systems and aids for disabled or handicapped persons, to Subcommittee CH/173/1, Wheelchairs, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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

Additional information

BSI Technical Subcommittee CH/173/1 agrees with the majority of the technical content as specified in this standard for use in the UK as a British Standard. However, during the development of this standard the UK voted against its approval as a BS ISO at all stages for the following reasons:

1. Clause 6.1 calls up the test method for front impact from Annex A of ISO 10542-1:2001, which allows for ± 3 degrees of misalignment. Users should note that in 4.1.3(b) of this standard, the SWC can engage at ± 10 degrees.
2. Clause 5.2 requires that the docking tiedown manufacturer's instructions for installers should contain specific information but it does not include floor strength and overall free space with regards to the host vehicle. Users should note that floor strength and overall free space information is an essential part of such instructions.
3. Users should note that although 4.1.1 includes requirements, 4.1.1.a to 4.1.1.f are recommendations and there are no performance tests or records within this standard to establish if these recommendations are met. It also does not set a requirement for a maximum operating force that a user can apply to operate the device (or part thereof). Users should note that a maximum operating force of 60 N is required for any device operated by hand within the reach of the user.

Summary of pages

This document comprises a front cover, an inside front cover, page i, a blank page, the ISO title page, pages ii to v, a blank page, pages 1 to 16, an inside back cover and a back cover.

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