



BSI Standards Publication

**Low-level work platform
with one working platform
with side protection for use
by one person with a
maximum working platform
height not greater than
2.5 m – Specification**

Publishing and copyright information

The BSI copyright notice displayed in this document indicates when the document was last issued.

© The British Standards Institution 2016

Published by BSI Standards Limited 2016

ISBN 978 0 580 90992 4

ICS 13.100, 91.220

The following BSI references relate to the work on this document:

Committee reference B/514

Draft for comment 16/30327082 DC

Publication history

First edition, October 2016

Amendments issued since publication

Date	Text affected
------	---------------

Contents

Foreword *ii*

Introduction 1

1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Materials	7
5	Design	7
6	Marking	14
7	Instruction manual	17

Annexes

Annex A (normative)	Test for strength	18
Annex B (normative)	Test for resistance to overturning	18
Annex C (normative)	Test for rigidity	20
Annex D (normative)	Test for resistance to sliding	21
Annex E (normative)	Test for stability when ascending or descending	22
Annex F (normative)	Tests for working platform strength	24
Annex G (normative)	Test for working platform displacement	25
Annex H (normative)	Tests for side protection and toe-board strength	25
Annex I (normative)	Tests for strength of access	26
Annex J (normative)	Tests for mobility device and foot strength	27

Bibliography 29

List of figures

Figure 1	– Examples of low-level work platforms	4
Figure 2	– Dimensions for the clearance between the outside edge of the working platform and the inside edge of the side protection and the useable surface area of the working platform	9
Figure 3	– Dimensions for openings in side protection	10
Figure 4	– Dimensions for each access type	12
Figure 5	– Examples of graphical symbols	16
Figure B.1	– Example representations of the loads applied in the test for resistance to overturning	19
Figure C.1	– Example of the load positions applied in the test for rigidity	21
Figure D.1	– Example representation of the loads applied in the test for resistance to sliding	22
Figure E.1	– Example representation of the loads applied in the test for stability when ascending or descending an LLWP with access	23
Figure G.1	– Example representation of the load applied in the test for working platform displacement	25
Figure I.1	– Example representation of the load applied in the torque test for strength of access	27

List of tables

Table 1	– Access dimensions	12
---------	---------------------	----

Summary of pages

This document comprises a front cover, an inside front cover, pages i to ii, pages 1 to 30, an inside back cover and a back cover.

Foreword

Publishing information

This British Standard is published by BSI Standards Limited, under licence from The British Standards Institution, and came into effect on 31 October 2016. It was prepared by Subcommittee B/514/24, *Access Towers*, under the authority of Technical Committee B/514, *Access and Support Equipment*. A list of organizations represented on these committees can be obtained on request to their secretary.

Supersession

This British Standard is based on PAS 250:2012.

Information about this document

This British Standard is based on PAS 250 and introduces the following principal changes.

- A new more consistently available surface has been introduced for the test for resistance to sliding given in Annex D.
- New dimensional requirements for side protection following the identification of potential safety issues have been included.

Use of this document

It has been assumed in the preparation of this British Standard 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 requirements are expressed in sentences in which the principal auxiliary verb is "shall".

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

Requirements in this standard are drafted in accordance with *Rules for the structure and drafting of UK standards*, subclause J.1.1, which states, "Requirements should be expressed using wording such as: 'When tested as described in Annex A, the product shall ...'". This means that only those products that are capable of passing the specified test will be deemed to conform to this standard.

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.

Introduction

Low-level work platforms (LLWPs), commonly referred to as podiums or pulpits, became extensively used following the implementation of The Work at Height Regulations 2005 [1]. In particular this led to demand for an LLWP with one working platform with side protection for use by one person.

These LLWPs fall outside the scope of standards for similar products. For instance, they differ from:

- a) mobile access and working towers specified by BS EN 1004 because LLWPs have working platform heights of less than 2.5 m;
- b) mobile elevating work platforms specified in BS EN 280 because they are not powered;
- c) prefabricated tower scaffolds specified in BS 1139-6 because LLWPs have smaller working platforms and are only designed for use by one person; and
- d) standing ladders with platforms specified in BS EN 131 (all parts), BS 2037 and BS 1129 because LLWPs have side protection to the working platform.

Designs that emerged for LLWPs have been developed in the absence of a formal standard. Whilst the majority of LLWPs provide a safe solution to low-level access, there are aspects of some products that could be improved by adherence to relevant and specific design criteria.

1 Scope

This British Standard specifies requirements for an LLWP with one working platform with side protection, for use by one person, with a maximum working platform height not greater than 2.5 m. The maximum working load of the LLWP is 150 kg.

In particular, this British Standard specifies requirements for materials, design loads, dimensions, strength and stability tests, marking and instruction manuals.

This British Standard does not cover:

- a) mobile access and working towers with a height from 2.5 m to 12.0 m (indoors) and from 2.5 m to 8.0 m (outdoors), in accordance with BS EN 1004;
- b) prefabricated tower scaffolds, in accordance with BS EN 1139-6;
- c) mobile elevating work platforms, in accordance with BS EN 280;
- d) standing step ladders with platforms and mobile ladders with platforms, conforming to BS EN 131 (all parts);
- e) aluminium standing step ladders with platforms, folding trestles and lightweight stagings, in accordance with BS 2037; and
- f) timber trestles and lightweight stagings, in accordance with BS 1129.

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 7371 (all parts), *Coatings on metal fasteners*