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**AS 1418.10(Int)—2004**

**Expires 26 July 2010**

(Incorporating Amendment Nos 1, 2 and 3)

AS 1418.10(Int)—2004

**Interim Australian Standard<sup>®</sup>**

**Cranes, hoists and winches**

**Part 10: Elevating work platforms**



This Interim Australian Standard® was prepared by Committee ME-005, Cranes. It was approved on behalf of the Council of Standards Australia on 25 May 2004. This Interim Standard was published on 26 July 2004.

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The following are represented on Committee ME-005:

- Association of Consulting Engineers Australia
  - Australian Elevator Association
  - Australian Industry Group
  - Australian Institute for Non-Destructive Testing
  - Bureau of Steel Manufacturers of Australia
  - Construction and Mining Equipment Association of Australia
  - Crane Industry Council of Australia
  - Department for Administrative and Information Services (South Australia)
  - Department of Consumer and Employment Protection, WorkSafe Division (WA)
  - Department of Industrial Relations (Qld)
  - Department of Infrastructure, Energy and Resources (Tasmania)
  - Department of Labour New Zealand
  - Institution of Engineers Australia
  - State Chamber of Commerce
  - Victorian WorkCover Authority
  - WorkCover New South Wales
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This Interim Standard was issued in draft form for comment as DR 02565.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through public comment period.

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## PREFACE

This Interim Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee ME-005 Cranes, to supersede AS 1418.10—1996, *Cranes (including hoists and winches)*, Part 10: *Elevating work platforms*.

*This Standard incorporates Amendment No. 1 (February 2007), Amendment No. 2 (December 2007) and Amendment No. 3 (November 2008). The changes required by the Amendments are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.*

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this Interim Standard is to address primarily the requirements for EWPs intended for use near live electrical conductors. These requirements have been prepared after many years of work by various organizations in an effort to reduce the risks associated with the use of EWPs in such situations. The requirements reflect the present attitude to Occupational Health and Safety Risk Management, where reliance on PPE or procedural measures is considered less preferable to alternative measures where risk is eliminated or reduced by engineering design.

The work in this area largely reflects the ideas first published by ESAA publication ISSC25 'Elevating Work Platform Purchasing Specifications and Operating Guide'. This specification was released in 1996 and had become the pseudo-standard adopted by a number of Electrical Supply Authorities within Australia.

This Interim Standard has been issued with the view to reviewing the necessity for the 'Dry total leakage test' as described in Paragraph M4, Appendix M, for wet-rated insulated elevated works platforms. It is believed that the wet tests specified in Paragraph M4.10 provide sufficient criteria for confirming the insulating properties of insulated EWPs when used in the wet or dry condition. If this proves to be the case, the total leakage test may eventually be shown to be redundant. For insulated EWPs that are rated for dry use only, it is considered that the most appropriate test for monitoring the condition of the insulating properties is the DC test (see Paragraph M4.3, Appendix M) or the surface leakage test (see Paragraph M4.4, Appendix M).

Other revisions incorporated in this interim Standard are editorial corrections and updated references particularly to Clause 1.4 and 1.12.2 and Appendices F and G.

Attention is drawn to the fact that this document is an Interim Australian Standard and should be regarded as a developmental Standard liable to future alteration.

Standards Australia invites comment on this Interim Standard from persons and organizations concerned with this subject. The date of expiry for comment is 26 July 2010 at which time this Interim Australian Standard will be confirmed, withdrawn or revised in the light of public comment.

During the life of this document the Committee will monitor all comment as it is received.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendix to which they apply. A 'normative' appendix is an integral part of a Standard, whereas an 'informative' appendix is only for information and guidance.

Statements expressed in mandatory terms in notes to tables and figures are deemed to be requirements of this Standard.

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