

Australian Standard[®]

Cranes, hoists and winches

Part 8: Special purpose appliances



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- Association of Consulting Engineers Australia
 - 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)
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 - Department of Labour New Zealand
 - Institution of Engineers Australia
 - State Chamber of Commerce
 - Victorian WorkCover Authority
 - WorkCover New South Wales
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Part 8: Special purpose appliances

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PREFACE

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee ME-005, Cranes, to supersede AS 1418.8—2002.

The objective of this Standard is to provide requirements for special purpose appliances for reference by manufacturers, suppliers, users and regulators.

The term 'informative' has been used in this Standard to define the application of the appendix to which it applies. An 'informative' appendix is only for information and guidance.

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STANDARDS AUSTRALIA

Australian Standard
Cranes, hoists and winches

Part 8: Special purpose appliances

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies requirements for appliances used for the hoisting of materials or materials and personnel involved in lifting the materials that are not covered by other parts of AS 1418. It is complementary to AS 1418.1 but requirements given herein take precedence over corresponding requirements in AS 1418.1.

NOTES:

- 1 General guidance on the safe use of the appliances covered by this Standard is given in AS 2550.1.
- 2 Requirements for appliances intended to support work platforms are given in AS 1418.10.

1.2 NORMATIVE REFERENCES

The following documents are indispensable to the application of this Standard:

NOTE: Documents referenced for informative purposes are listed in the Bibliography.

AS

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| 1000 | The international system of units (SI) and its application |
| 1101 | Graphic symbols for general engineering |
| 1101.1 | Part 1: Hydraulic and pneumatic systems |
| 1210 | Pressure vessels |
| 1418 | Cranes, hoists and winches (all parts) |
| 1657 | Fixed platforms, walkways, stairways and ladders—Design, construction and installation |
| 1735 | Lift, escalators and moving walks (all parts) |
| 2549 | Cranes (including hoists and winches)—Glossary of terms |
| 2550 | Cranes, hoist and winches—Safe use |
| 2550.1 | Part 1: General requirements |
| 2752 | Preferred numbers and their use |
| 4024 | Safety of machinery (series) |
| 4772 | Earth-moving machinery—Quickhitches for excavators and backhoe loaders |

AS ISO

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| 1000 | The international system of units (SI) and its application |
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ISO

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| 7000 | Graphical symbols for use on equipment—Index and synopsis |
| 8643 | Earth-moving machinery—Hydraulic excavator and backhoe loader boom-lowering control device—Requirements and tests |