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## AS 1418.14-1996 Cranes (including hoists and winches) - Part 14: Requirements for cranes subject to arduous working conditions

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### Abbreviation

AS 1418.14-1996

### Valid from

05/07/1996

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### Information provider

SAI Global

### Author

Standards Australia

### Information type

Australian Standard

### Format

PDF, Hard copy

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### Cited By

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### Description

This Standard specifies the requirements for cranes subject to arduous working conditions. It includes sections on performance, structure, mechanisms, electrical equipment, controls, conductors, collector systems, cabs, inspection and commissioning tests.

The appendices cover arduous working criteria, and carriage fastening, enquiry and order information to be supplied by manufacturer and manufacturing tolerances. The Standard may be designated in part or parts for cranes with only a limited range of components subjected to arduous duty.

### Scope

This Standard specifies the additional requirements to AS 1418.1 for cranes subject to arduous working conditions.

This Standard may be specified in its entirety where the entire crane is subjected to arduous working conditions or it may be specified in part where only a limited part or parts of a crane are subjected to arduous working conditions.

As an example of the need to specify this Standard in part only, consider a crane that is subjected to a normal level of duty, except for a very high frequency of lifting. In such a case, it would be proper to specify the crane Standard normally applicable to the crane (for example AS 1418.3) and to specify this Standard only for the crane mechanisms contained in Section 4. Further, it may not be necessary to specify Section 4 in its entirety. For example, if the crane is for indoor use, weather protection may be omitted.

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

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- [AS/NZS 1170.1:2002](#)

AS 1418.14-1996 is cited by AS/NZS 1170.1:2002 (R2016) Structural Design Actions - Permanent, imposed and other actions

- [NZS 3404 Parts 1 and 2:1997](#)

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