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AS 1349-1986 (R2018) Bourdon tube pressure and vacuum gauges

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Abbreviation

AS 1349-1986

Amendment

AS 1349-1986/Amdt 1-1987

Valid from

05/09/1986

Information provider

SAI Global

Author

Standards Australia

Information type

Australian Standard

Format

PDF, Hard copy

Cited By

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Description

This Standard specifies requirements for gauges within the pressure range -100 kPa to +100 000 kPa, and the nominal size range 50 mm to 300 mm. Compound gauges (pressure and vacuum) are also included. Two accuracy grades are specified, namely test gauges and industrial gauges.

The gauges are normally graduated directly in kilopascals, but scale factors of powers to ten may be used where required for scale clarity or specified by the purchaser. Other units of pressure may be specified by the purchaser for special applications.

The gauges are generally suitable for use with common fluids such as air, oil, water, or steam, but special provision is made for high pressure gauges, and gauges which are intended for use with oxygen and acetylene, or other reactive gases.

Appendices provide notes of correction of deadweight testers and manometers, recommendations for the installation and use of gauges, and purchasing guidelines.

Scope

The gauges are graded according to accuracy, two grades being specified, viz test gauges and industrial gauges.

The gauges are generally suitable for use with fluids such as air, oil, water or steam, but special provision is made for gauges which are intended for high-pressure applications, or for use with oxygen or acetylene, or with other reactive gases.

Notes:

1. Recommendations regarding the installation and use of pressure gauges are given in appendix B.
2. Guidelines for purchasers on specifying requirements when ordering gauges are given in appendix C.

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- [AS/NZS 2845.1:2010](#)

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