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NZS 4606.3:1992 Storage water heaters - Specific requirements for water heaters with composite shells

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Abbreviation

NZS 4606.3:1992

Amendment

Amendment AA - This amendment must be purchased separately. Published 29/09/1992.

Valid from

29/09/1992

Replaces

Information provider

Standards New Zealand

Author

Standards New Zealand

Information type

New Zealand Standard

Format

PDF

Cited By

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Description

This Standard specifies constructional requirements for water containers (shells) made of composite materials, viz. steel with a copper or copper alloy insert (inner liner), or steel with a bonded inner lining of vitreous enamel or of plastics material.

It gives recommendations on maximum water temperatures, specifies methods of testing the quality of inner linings, and also routine and type test schedules. Identical to AS 1056.3-1991 with modifications for New Zealand conditions.

Cited in the Ministry's Simple House Acceptable Solution.

Scope

This Standard specifies requirements for water heaters with composite shells made for steel and protected as follows:

- (a) with a metallic insert
- (b) with a bonded vitreous enamel lining; and
- (c) with bonded plastics lining.

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- [G12/AS1 \(Third Edition, Amendment 10\)](#)

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- [G12/AS1 \(Third Edition, Amendment 8\)](#)

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- [G12/AS1 \(Third Edition, Amendment 7\)](#)

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- [G12/AS1 \(Third Edition, Amendment 9\)](#)

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- [G12/AS1 \(Third Edition, Amendment 11\)](#)

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- [SH/AS1 \(First edition, unamended\)](#)

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requirements for water heaters with composite shells

This document CITES:

New Zealand Standards

- [NZS 4606.1:1989](#)

NZS 4606.3:1992 cites NZS 4606.1:1989 Storage water heaters - General requirements

Australian Standards

- [AS 1449-1980](#)

NZS 4606.3:1992 cites AS 1449-1980 Wrought alloy steels - Stainless and heat-resisting steel plate, sheet and strip

- [AS 1566-1985](#)

NZS 4606.3:1992 cites AS 1566-1985 Copper and copper alloys - Rolled flat products

- [AS 1627.4-1989](#)

NZS 4606.3:1992 cites AS 1627.4-1989 Metal finishing - Preparation and pretreatment of surfaces - Part 4: Abrasive blast cleaning

- [AS 1627.9-1989](#)

NZS 4606.3:1992 cites AS 1627.9-1989 Metal finishing - Preparation and pretreatment of surfaces - Part 9: Pictorial surface preparation standards for painting steel surfaces

- [AS 2812-1985](#)

NZS 4606.3:1992 cites AS 2812-1985 Welding, brazing and cutting of metals - Glossary of terms

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B Method for the determination of the resistance to oxygen of bonded plastics linings

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