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AS/NZS 1167.1:2005 Welding and brazing - Filler metals - Filler metal for brazing and braze welding

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Abbreviation
AS/NZS 1167.1:2005
Valid from
24/11/2005

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Standards New Zealand
Author
Standards New Zealand, Standards Australia
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Description

This Standard specifies the chemical composition and approximate melting ranges of 29 types of brazing alloys grouped as silver brazing, copper-phosphorus brazing, copper brazing, and aluminium brazing alloys.

A uniform system of colour coding for the purposes of identification is included together with a table of the equivalent British, American, German and ISO designations.

Scope

This Standard specifies requirements for filler metals in all forms for brazing and braze welding processes. It includes requirements for chemical composition and analysis, packing and marking. In addition, a standard form of colour coding designed to be mutually acceptable to manufacturers and users has been recommended for identification purposes.

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This resource is cited by:

AS/NZS 1167.1:2005 Welding and brazing - Filler metals - Filler metal for brazing and braze welding

This document is CITED BY:

- [G10/AS1 \(First Edition, Amendment 5\)](#)
AS/NZS 1167.1:2005 is cited by Acceptable Solution G10/AS1: Piped Services from 30/09/2010
- [G10/AS1 \(First Edition, Amendment 7\)](#)
AS/NZS 1167.1:2005 is cited by Acceptable Solution G10/AS1: Piped Services from 30/09/2010
- [G10/AS1 \(First Edition, Amendment 8\)](#)
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- [G10/AS1 \(First Edition, Amendment 6\)](#)
AS/NZS 1167.1:2005 is cited by Acceptable Solution G10/AS1: Piped Services from 30/09/2010
- [AS 1357.1-2009](#)
AS/NZS 1167.1:2005 is cited by AS 1357.1-2009 Valves primarily for use in heated water systems - Part 1: Protection valves
- [AS 3688-2005](#)
AS/NZS 1167.1:2005 is cited by AS 3688-2005 Water supply - Metallic fittings and end connectors
- [AS/NZS 2845.1:2010](#)
AS/NZS 1167.1:2005 is cited by AS/NZS 2845.1:2010 Water supply - Backflow prevention devices - Part 1: Materials, design and performance requirements
- [AS/NZS 3500.1:2015](#)
AS/NZS 1167.1:2005 is cited by AS/NZS 3500.1:2015 Plumbing and drainage - Part 1: Water services
- [AS/NZS 3500.1:2018](#)
AS/NZS 1167.1:2005 is cited by AS/NZS 3500.1:2018 Plumbing and drainage Part 1: Water services
- [AS/NZS 3500.2:2015](#)
AS/NZS 1167.1:2005 is cited by AS/NZS 3500.2:2015 Plumbing and drainage - Part 2: Sanitary plumbing and drainage
- [AS/NZS 3500.2:2018](#)
AS/NZS 1167.1:2005 is cited by AS/NZS 3500.2:2018 Plumbing and drainage Part 2: Sanitary plumbing and drainage
- [AS/NZS 3500.3:2018](#)
AS/NZS 1167.1:2005 is cited by AS/NZS 3500.3:2018 Plumbing and drainage Part 3: Stormwater drainage
- [AS/NZS 3500.4:2015](#)
AS/NZS 1167.1:2005 is cited by AS/NZS 3500.4:2015 Plumbing and drainage - Heated water services
- [AS/NZS 5601.1:2010](#)
AS/NZS 1167.1:2005 is cited by AS/NZS 5601.1:2010 Gas installations - Part 1: General installations
- [AS/NZS 5601.1:2013](#)
AS/NZS 1167.1:2005 is cited by AS/NZS 5601.1:2013 Gas installations - General installations

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This document CITES:

Australian Standards

- [AS 1674.1-1997 \(R2016\)](#)

AS/NZS 1167.1:2005 cites AS 1674.1-1997 (R2016) Safety in welding and allied processes - Part 1: Fire precautions

- [AS 1674.2-2003](#)

AS/NZS 1167.1:2005 cites AS 1674.2-2003 Safety in welding and allied processes - Part 2: Electrical

- [AS 2700-1996](#)

AS/NZS 1167.1:2005 cites AS 2700-1996 Colour Standards for general purposes

- [AS 2812-1985](#)

AS/NZS 1167.1:2005 cites AS 2812-1985 Welding, brazing and cutting of metals - Glossary of terms

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