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# AS/NZS 4130:2009 Polyethylene (PE) pipes for pressure applications

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Abbreviation

Citations

AS/NZS 4130:2009

Amendment

Amendment 1 - incorporated. Published 26/10/2009.

Valid from

03/06/2009

Replaces

AS/NZS 4130:2003

Information provider

Standards New Zealand

Author

Standards New Zealand, Standards Australia

Information type

New Zealand Standard

Format

PDF

Cited By

This resource is cited by 23 documents (show Citations)

Cites

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#### Description

This Standard specifies requirements for polyethylene pipes for the conveyance of fluids under pressure. Such fluids include, but are not restricted to, water, wastewater, slurries, compressed air, and fuel gas.

Fuel gas includes natural gas, liquefied petroleum gas (LPG) in the vapour phase and LPG/air mixtures. Gas pipes are not intended for service temperatures outside of the range -20C to +35C. Pipes that do not contain carbon black, in compliance with this Standard, are not intended for extended exposure in direct sunlight.

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• AS/NZS 3500.1:2015

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AS/NZS 5601.1:2010

AS/NZS 4130:2009 is cited by AS/NZS 5601.1:2010 Gas installations - Part 1: General installations

AS/NZS 5601.1:2013

AS/NZS 4130:2009 is cited by AS/NZS 5601.1:2013 Gas installations - General installations

NZS 4512:2010

AS/NZS 4130:2009 is cited by NZS 4512:2010 Fire detection and alarm systems in buildings

NZS 4515:2009

AS/NZS 4130:2009 is cited by NZS 4515:2009 Fire sprinkler systems for life safety in sleeping occupancies (up to 2000 square metres)

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#### AS/NZS 1462.1:2006

AS/NZS 4130:2009 cites AS/NZS 1462.1:2006 Methods of test for plastics pipes and fittings - Method 1: Method for determining the dimensions of pipes and fittings

# • AS/NZS 1462.26:2003

AS/NZS 4130:2009 cites AS/NZS 1462.26:2003 (R2017) Methods of test for plastics pipes and fittings - Method 26: Determination of weathering resistance of plastics pipes for external storage

# • AS/NZS 1462.28:2003

AS/NZS 4130:2009 cites AS/NZS 1462.28:2003 (R2017) Methods of test for plastics pipes and fittings - Method 28: Method for the assessment of the degree of pigment or carbon black dispersion in polyolefin pipes, fittings and compounds

#### AS/NZS 1462.4:2002

AS/NZS 4130:2009 cites AS/NZS 1462.4:2002 (R2017) Methods of test for plastics pipes and fittings - Method 4: Method of determining reversion of UPVC pipes

#### AS/NZS 1462.6:2008

AS/NZS 4130:2009 cites AS/NZS 1462.6:2008 (R2017) Methods of test for plastics pipes and fittings - Method 6: Thermoplastics pipes, fittings and assemblies for the transport of fluids under pressure - Resistance to internal pressure

## AS/NZS 3500.0:2003

AS/NZS 4130:2009 cites AS/NZS 3500.0:2003 Plumbing and drainage - Glossary of terms

# • AS/NZS 4020:2005

AS/NZS 4130:2009 cites AS/NZS 4020:2005 Testing of products for use in contact with drinking water

#### AS/NZS 4131:2003

AS/NZS 4130:2009 cites AS/NZS 4131:2003 Polyethylene (PE) compounds for pressure pipes and fittings

#### **Australian Standards**

#### AS 1199.1-2003 (R2016)

AS/NZS 4130:2009 cites AS 1199.1-2003 (R2016) Sampling procedures for inspection by attributes - Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection

#### • AS 1462.24-2003

AS/NZS 4130:2009 cites AS 1462.24:2003 (R2018) Methods of test for plastics pipes and fittings - Method 24: Determination of resistance to crack propagation - Test methods for slow crack growth in notched pipes (notch test)

### Other

# • HB 18.28-2005

AS/NZS 4130:2009 cites HB 18.28-2005 Conformity assessment - Guidance on a third-party certification system for products

# ISO 11357-6:2008

AS/NZS 4130:2009 cites ISO 11357-6:2008 Plastics - Differential scanning calorimetry (DSC) Part 6: Determination of oxidation induction time (isothermal OIT) and oxidation induction temperature (dynamic OIT)



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