STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

**RECONFIRMATION**

**OF**

**AS/NZS 1462.6:2008**

**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**

# RECONFIRMATION NOTICE

Technical Committee PL-021 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

Certain documents referenced in the publication may have been amended since the original date of publication. Users are advised to ensure that they are using the latest versions of such documents as appropriate, unless advised otherwise in this Reconfirmation Notice.

Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 27 April 2017.

Approved for reconfirmation in New Zealand on behalf of the Standards Council of New Zealand on 10 August 2017.

The following are represented on Technical Committee PL-021:

Association of Accredited Certification Bodies
Australian Building Codes Board
Chemistry Australia
Energy Networks Australia
Engineers Australia
Local Government New Zealand
New Zealand Employers and Manufacturers Association (Central)
Plastics Industry Pipe Association of Australia
Plastics New Zealand
Water New Zealand
Water Services Association of Australia

AS/NZS 1462.6:2008
Reconfirmed 2017

Australian/New Zealand Standard™



# 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

## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee PL-045, Plastics Pipe Systems Test and Calculations. This Standard is based on ISO 1167-1, *Thermoplastics pipes, fittings and assemblies for the conveyance of fluids—Determination of the resistance to internal pressure*, Part 1: *General method*, ISO 1167-2, *Thermoplastics pipes, fittings and assemblies for the conveyance of fluids—Determination of the resistance to internal pressure*, Part 2: *Preparation of pipe test pieces*, ISO 1167-3, *Thermoplastics pipes, fittings and assemblies for the conveyance of fluids—Determination of the resistance to internal pressure*, Part 3: *Preparation of components*, and ISO 1167-4, *Thermoplastics pipes, fittings and assemblies for the conveyance of fluids—Determination of the resistance to internal pressure*, Part 4: *Preparation of assemblies*, and replaces the following Standards:

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|---|---|
| AS/NZS | |
| 1462 | Methods of test for plastics pipes and fittings |
| 1462.6 | Part 6: Method for hydrostatic pressure testing of pipes |
| AS | |
| 1462.9 | Part 9: Method for hydrostatic pressure testing of UPVC pressure fittings |
| 1462.17 | Part 17: Method for testing pressure pipe joints with elastomeric seals |

The methodology for carrying out regression analysis previously detailed in AS 1462.6 is now covered by AS/NZS 1462.29, *Plastics piping and ducting systems—Determination of the long-term hydrostatic strength of thermoplastics materials in pipe form by extrapolation* (ISO 9080:2003, MOD).

Tests for determining the resistance to internal pressure are essential for assessing the properties and durability of thermoplastics piping system components. They provide a basis for determining both short-term and long-term characteristics.

Many standards contain requirements for determining the resistance to pressure of pipes, fittings or assemblies. This document describes the method for pressurizing the different test pieces concerned as well as the testing procedure and the test report.

## METHOD

### 1 SCOPE

This Standard specifies a general test method for determining the resistance to internal hydrostatic pressure, at a given temperature, of thermoplastics pipes, fittings and piping systems intended for the transport of fluids.



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