

STANDARDS AUSTRALIA

RECONFIRMATION

OF

AS 2888.1—2002

Methods of testing plastics waste fittings

**Method 1: Method of determining the suitability of connection threads
of BSP form**

RECONFIRMATION NOTICE

Technical Committee PL-006 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.

The following are represented on Technical Committee PL-006:

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

NOTES

Methods of testing plastics waste fittings

Method 1: Method of determining the suitability of connection threads of BSP form

PREFACE

This Standard was prepared by the Standards Australia Committee PL-045, Plastics Pipe Systems Test and Calculation, to supersede of AS 2888.1—1986.

Assessment of the suitability of plastics connection threads has been reduced to a single requirement, namely that the threads be capable of withstanding a tightening torque when assembled with the thread gauges. Tolerances have been introduced for the size of thread gauges and the failure criteria have been expanded.

METHOD

1 SCOPE

This Standard sets out a method for determining the ability of threaded components of plastics waste fittings to withstand a tightening torque without damage.

2 REFERENCED DOCUMENTS

The following document is referred to in this Standard—:

AS

1722 Pipe threads of Whitworth form

1722.2 Part 2: Fastening pipe threads

3 PRINCIPLE

The test specimen is assembled with a thread gauge of BSP form and tightened to the torque specified in the relevant fittings Standard. The test specimen is assessed on the basis of its ability to withstand application of the torque without jumping or stripping of threads, or cracking, breakage or other structural failure.

4 APPARATUS

The following apparatus is required—:

- (a) *Thread gauge for external threads* A thread gauge made from hardened steel with the pitch diameter ground to the maximum limit of AS 1722.2, Series G observing a tolerance of +0, -0.05 mm.
- (b) *Thread gauge for internal threads* A thread gauge made from hardened steel with the pitch diameter ground to the minimum limit of AS 1722.2, Series GA or GB observing a tolerance of +0.05, -0 mm.