

Australian Standard[®]

**Water supply—Float control valves for
use in hot and cold water**



This Australian Standard® was prepared by Committee WS-001, Water Fittings. It was approved on behalf of the Council of Standards Australia on 15 April 2004. This Standard was published on 7 July 2004.

The following are represented on Committee WS-001:

- Australasian Institute of Mining and Metallurgy
 - Australian Coal Association
 - Australian Coal Preparation Society
 - Australian Institute of Energy
 - Coalfield Geology Council of New South Wales
 - CSIRO, Energy Technology
 - Department of Natural Resources and Mines, Qld
 - Minerals Council of Australia
 - National Association of Testing Authorities, Australia
 - National Generators Forum
 - University of Newcastle
 - University of New South Wales
 - University of Queensland
-

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**Water supply—Float control valves for
use in hot and cold water**

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PREFACE

This Standard was prepared by the Standards Australia Committee WS-001, Water Fittings, to supersede AS 1910—1994.

This Standard incorporates Amendment No. 1 (July 2006). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

Changes to this edition are as follows:

- (a) Inclusion of metal and plastic materials.
- (b) Testing based on performance.

Acoustic requirements have not been addressed until further research on testing procedures and methods is available.

The term ‘normative’ has been used in this Standard to define the application of the appendix to which it applies. A ‘normative’ appendix is an integral part of a Standard.

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STANDARDS AUSTRALIA

Australian Standard**Water supply—Float control valves for use in hot and cold water**

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies requirements for active float control valves for use in water supply systems where the normal working temperature does not exceed 95°C and the continuous working pressure extends up to a maximum of 1.4 MPa for a range of nominal sizes from DN 6 to DN 80.

This Standard does not cover WC cistern flushing valves.

NOTE: WC cistern flushing valves are covered in all parts of AS 1172.

Means of demonstrating compliance with this Standard are set out in Appendix A.

1.2 REFERENCED DOCUMENTS

Documents referred to in this Standard are listed in Appendix B.

1.3 DEFINITIONS

For the purpose of this Standard the definitions given in AS/NZS 3500.0 apply.

1.4 DESIGNATION OF NOMINAL SIZE

The nominal size shall be related to the inlet connection of the valve.

1.5 PERMANENT DISTORTION

Permanent distortion for the purpose of the tests in this Standard, is limited to permanent distortion which is obvious to the eye without resorting to dimensional checks.