

## WaterMark Certification Scheme

### Notice of Direction 2015/16.1

## Rationalisation of standards/technical specifications listed on WaterMark Product Database

### Intent

The intent of this notice is to provide advice on the rationalisation of standards and technical specifications, available for the evaluation of plumbing and drainage products, as listed on the WaterMark Product Database (WMPD).

### Background

This Notice of Direction is provided in accordance with clause 5 of the Rules for the WaterMark Certification Trade Marks.

On 25 February 2013 responsibility for management and administration of the WaterMark Certification Scheme (WMCS) transferred to the Australian Building Codes Board (ABCB).

At its meeting on 31 July 2015 the Building Ministers' Forum agreed to the retention of WaterMark as a mandatory plumbing product certification scheme with a range of improvements to enhance its effectiveness, including the move to a single level scheme and adoption of a full cost recovery model.

Until the full range of improvements is implemented, the ABCB office will operate the WMCS essentially as is. In the interim some preliminary changes will be necessary to enhance the efficiency of the WMCS. One of those changes is to rationalise the standards and technical specifications available for the evaluation of plumbing and drainage products, as listed on the WMPD, to remove, retain or update current versions and to remove unused, duplicated or superseded versions.

Presently, the WMPD contains multiple versions of many listed specifications for use in the evaluation of plumbing and drainage products. In some instances, the most recently published version of a standard or technical specification has not yet been evaluated and included on the WMPD. The purpose of this one-off rationalisation exercise is to:

- bring the WMPD up to date to keep pace with current product innovation
- ensure consistency of product evaluation of like products
- ensure community health and safety outcomes are achieved through the use of contemporary standards and technical specifications.

This rationalisation exercise has been undertaken in consultation with the State and Territory Regulators, WaterMark Conformity Assessment Bodies (WMCABs) and other WMCS stakeholders. Where consensus has been achieved, changes to the list of product specifications will be made as outlined in this notice. Where consensus has not been achieved changes to the list of product specifications will not be made until the product specification is considered during a comprehensive review of technical specifications to be conducted by the ABCB after the enhanced WMCS is launched.

On completion of this rationalisation exercise, future updates to specifications listed on the WMPD will be undertaken as follows:

When deemed suitable by the WaterMark Technical Advisory Committee and State and Territory Regulators, and having regard the ABCB/Standards Australia agreed protocols, the latest version of a standard will be included on the WMPD to supersede all previous versions and trigger the requirement for Approved Users, via their WaterMark Conformity Assessment Body, to renew certification of their product to ensure products are manufactured to comply with the new version within one year.

### **Update December 2016**

It is important to note the 18 month transition period for standards/technical specifications listed in Tables 2 and 3 will conclude on **2 September 2017**.

The 18 month transition period is to enable products which have been certified to the standards/technical specifications listed in Tables 2 and 3 to be re-certified to the current version of the standard/technical specification.

Any products which have not been re-certified to the current version of the standard/technical specification by 2 September 2017 will not be authorised for use in a plumbing or drainage installation.

For any products that are not authorised WMCABs must implement their own processes for product recall, as outlined in clause 4.3 of the Approved Certifier Agreement.

## **Reference Documents**

### Primary

- *National Construction Code – Volume Three – Plumbing Code of Australia (PCA)*
- *Approved Certifier Agreement*

### Guidance

- *Procedures for Certification of Plumbing and Drainage Products*

## Direction

The following directions are made to all stakeholders of the WMCS.

1. The table below lists standards/technical specifications on the WMPD to be **retained**:-

**TABLE 1**

<b>Reference</b>	<b>Description</b>	<b>Action</b>
AS 1357.1:2009	Valves primarily for use in heated water systems - Protection valves	Retain
AS 1357.2:2005	Valves primarily for use in heated water systems - Control valves	Retain
AS 1432:2004	Copper tubes for plumbing, gasfitting and drainage applications	Retain
AS 1589:2001	Copper and copper alloy waste fittings	Retain
AS 1628:1999	Water supply - Metallic gate, globe and non-return valves	Retain
AS 1646:2007	Elastomeric seals for waterworks purposes	Retain
AS 1910:2004	Water supply - Float control valves for use in hot and cold water	Retain
AS 2419.2:2009	Fire hydrant installations - Fire hydrant valves	Retain
AS 2419.3:2012	Fire hydrant installations - Fire brigade booster connections	Retain
AS 2638.1:2011	Gate valves for waterworks purposes - Metal seated	Retain
AS 2638.2:2011	Gate valves for waterworks purposes - Resilient seated	Retain
AS 2887:1993	Plastic waste fittings	Retain
AS 3494:1997	Bidettes and bidets	Retain
AS 3495:1997	Authorization requirements for plumbing products - Stainless steel non-pressure pipes and fittings	Retain
AS 3498:2009	Authorization requirements for plumbing products - Water heaters and hot-water storage tanks	Retain
AS 3517: 2007	Capillary fittings of copper and copper alloy for non-pressure sanitary plumbing applications	Retain
AS 3688:2005	Water supply - Metallic fittings and end connectors	Retain
AS 3795:1996	Copper alloy tubes for plumbing and drainage applications	Retain
AS 3982:1996	Urinals	Retain
AS 4032.1:2005	Water supply - Valves for the control of hot water supply temperatures - Thermostatic mixing valves - Materials design and performance requirements	Retain
AS 4032.2:2005	Water supply - Valves for the control of hot water supply temperatures - Tempering valves and end of line temperature actuated devices	Retain
AS 4176.2:2010	Multilayer pipes for pressure applications - Multilayer piping systems for hot and cold water plumbing applications - Pipes (ISO 21003-2:2008, MOD)	Retain
AS 4176.3:2010	Multilayer pipes for pressure applications - Multilayer piping systems for hot and cold water plumbing applications - Fittings (ISO 21003-3:2008, MOD)	Retain
AS 4794:2001	Non-return valves - Swing check and tilting disc	Retain
AS 4795.1:2011	Butterfly valves for waterworks purposes - Wafer and lugged	Retain
AS 4795.2:2011	Butterfly valves for waterworks purposes - Double flanged	Retain
AS 4796:2001	Water supply - Metal bodied and plastic bodied ball valves for property service connection	Retain
AS 5081:2008	Hydraulically operated automatic control valves for waterworks purposes	Retain
AS 5082.1:2007	Polybutylene (PB) plumbing pipe systems - Metric series - Metric polybutylene (PB) pipes for hot and cold water applications	Retain
AS 5082.2:2007	Polybutylene (PB) plumbing pipe systems - Metric series - Mechanical and fusion jointing systems	Retain
AS 5200.007-2008	Metal bodies water hammer arresters	Retain
AS 5200.037.2-2008	Flow controllers for use with heated or cold water systems	Retain
AS 5200.053-2008	Stainless steel pipes and tubes for pressure applications	Retain

<b>Reference</b>	<b>Description</b>	<b>Action</b>
AS 5200.458-2008	Universal plastic-bodied transition couplings	Retain
AS 5830.1-2012	In-line ball valves for use in plumbing water supply systems - Metal-bodied	Retain
AS/NZS 1260:2009	PVC-U pipes and fittings for drain, waste and vent application	Retain
AS/NZS 1477:2006	PVC pipes and fittings for pressure applications	Retain
AS/NZS 2492:2007	Cross-linked polyethylene (PE-X) pipes for pressure applications	Retain
AS/NZS 2537.1:2011	Mechanical jointing fittings for use with crosslinked polyethylene (PE-X) for pressure applications - Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - General (ISO 15875-1:2003, MOD)	Retain
AS/NZS 2537.2:2011	Mechanical jointing fittings for use with crosslinked polyethylene (PE-X) for pressure applications - Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Fittings (ISO 15875-3:2003, MOD)	Retain
AS/NZS 2642.1-2007	Polybutylene (PB) plumbing pipe systems - Polybutylene (PB) pipe extrusion compounds	Retain
AS/NZS 2642.2:2008	Polybutylene (PB) plumbing pipe systems - Polybutylene (PB) pipe for hot and cold water applications	Retain
AS/NZS 2642.3:2008	Polybutylene (PB) plumbing pipe systems - Mechanical jointing fittings for use with polybutylene (PB) pipes for hot and cold water applications	Retain
AS/NZS 2845.1:1998	Water supply - Backflow prevention devices - Materials, design and performance requirements	Retain version until future review of all Specifications under new Scheme
AS/NZS 2845.1:2010	Water supply - Backflow prevention devices - Materials, design and performance requirements	Retain
AS/NZS 3497:1998	Drinking water treatment units - Plumbing requirements	Retain
AS/NZS 3499:2006	Water supply - Flexible hose assemblies	Retain
AS/NZS 3662:2005	Performance of showers for bathing	Retain 2005 version as current 2013 version is in contradiction with flow rate requirements of PCA
AS/NZS 3718:2005	Water supply - Tap ware	Retain
AS/NZS 3982-1996	Urinals	Retain
AS/NZS 4129:2008	Fittings for polyethylene (PE) pipes for pressure applications	Retain
AS/NZS 4130:2009	Polyethylene (PE) pipes for pressure applications	Retain
AS/NZS 4327:1995	Metal-banded flexible couplings for low-pressure applications	Retain
AS/NZS 4401:2006	Plastics piping systems for soil and waste discharge (low and high temperature) inside buildings - Polyethylene (PE)	Retain
AS/NZS 4441:2008	Oriented PVC (PVC-O) pipes for pressure applications	Retain
AS/NZS 4765:2007	Modified PVC (PVC-M) pipes for pressure applications	Retain
AS/NZS 4936:2002	Air admittance valves (AAVs) for use in sanitary plumbing and drainage systems	Retain
AS/NZS 4999:2006	PVC-U maintenance shafts	Retain
AS/NZS 5065:2005	Polyethylene and polypropylene pipes and fittings for drainage and sewerage applications	Retain
AS/NZS 7671:2010	Plastics piping systems for soil and waste discharge (low and high temperature) inside buildings - Polypropylene (PP) (ISO 7671:2003, MOD)	Retain
BSI EN 877:1999	Cast iron pipes and fittings, their joints and accessories for the evacuation of water from buildings. Requirements, test methods and quality assurance	Retain
WMTS004:2013	Urinal Flushing Cisterns	Retain
WMTS006:2005	Reflux valves - Sewerage	Retain

<b>Reference</b>	<b>Description</b>	<b>Action</b>
WMTS012:2005	In-line valves for use in plumbing water supply systems - Miscellaneous types metallic and non-metallic	Retain
WMTS014:2004	Jointing materials	Retain
WMTS026:2004	Cold water storage tanks	Retain
WMTS028:2004	Commercial food waste disposal unit	Retain
WMTS030:2012	Solenoid valves	Retain
WMTS033:2004	Spraying apparatus/dispensing units with the option of chemical additions - Hose connected	Retain
WMTS037.1:2006	Flow controllers - for controlling flows in cold or heated water systems	Retain
WMTS040:2005	Waste pipe connection outlets and gratings, separate or integral	Retain
WMTS042:2004	Roll-grooved jointing systems	Retain
WMTS046:2005	Diversion systems - wash down and first flush	Retain
WMTS047:2005	Self-sealing devices	Retain
WMTS050:2005	Prefabricated bathroom modules	Retain
WMTS051:2005	Bidet douche seats	Retain
WMTS052:2005	Metallic-bodied inlet pressure control valves greater than DN 50	Retain
WMTS055:2008	Plastic fittings – Connectors with flexible intermediate joints for drainage and sewerage applications	Retain
WMTS101:2005	Appliances (low hazard rating)	Retain
WMTS103:2004	Water treatment systems (other than those specified in AS/NZS 3497)	Retain
WMTS104:2005	Appliances (miscellaneous)	Retain
WMTS105:2005	Appliances - Beverage dispensers and ice makers	Retain
WMTS420:2005	Trap-priming valves	Retain
WMTS425:2009	Water closet (WC) suite with integral odour control device (OCD) connected to sanitary plumbing and drainage system	Retain
WMTS453:2004	Heated water systems - Thermostatic circulation valve	Retain
WMTS459:2004	Waterless urinals - Wall hung (Level 1)	Retain
WMTS460:2005	Grey water diversion device (GWDD)	Retain
WMTS464:2004	Hot water manual or sensor-activated pumping systems	Retain
WMTS467:2004	Rainwater tank connection valve	Retain
WMTS468:2005	Hot water systems - Recirculation valves	Retain
WMTS469:2005	Waterless or limited flush urinals - With an integral sealing device	Retain
WMTS472:2006	Heated water system recirculation device	Retain
WMTS473:2007	Stainless steel/nano-antibiotic PP-R pipe systems for water supply applications	Retain
WMTS475:2006	Heated Water Systems - Cold water recovery device	Retain
WMTS476:2006	Heated water systems - Leak protection device	Retain
WMTS477:2006	Rainwater/mains supply changeover devices	Retain
WMTS479:2006	Flood stop safety valve	Retain
WMTS481:2006	Thermal switching valves	Retain
WMTS482:2006	Soil waste dump fitting	Retain
WMTS483:2012	Odour control filter	Retain
WMTS485:2006	Pressure compensating tank	Retain
WMTS486:2008	Fire sprinkler heads for domestic applications	Retain
WMTS489:2009	Stainless steel flexible assemblies for plumbing applications	Retain
WMTS491:2010	Aluminium alloy piping system with plastics lining for plumbing water services applications	Retain
WMTS498:2014	Plastics Fittings – Overflow Relief Waste Outlet (ORWO) with Integral Cap-stopper	Retain
WMTS499:2008	Inline sewer dosing unit (SDU)	Retain
WMTS501:2011	Anti-infiltration overflow-relief device	Retain

<b>Reference</b>	<b>Description</b>	<b>Action</b>
WMTS504:2013	Sanitary Waste Flushing and Dosing System (SWFDS) - Water Closet (WC) 3/2 L Capacity or Proven Equivalent with Included Sewer Dosing Unit (SDU)	Retain
WMTS507:2014	Acrylonitrile Butadiene Styrene (ABS) Piping System with Stainless Steel Lining for Plumbing Water Service Applications	Retain
WMTS508:2013	Plastic Piping Systems for Soil and Waste Discharge with Noise Reduction Characteristics	Retain
WMTS509:2013	Polypropylene Access Chambers and Maintenance Shafts for Plumbing and Drainage	Retain
WMTS510:2013	Heated Water Manual Time-Activated Pumping Systems	Retain
WMTS511:2014	Epoxy barrier coating system for use in water supply applications	Retain
WMTS516:2014	Water closet (WC) pan and flushing device with macerating and lifting plant	Retain
WSA 109	Flange gaskets and o-rings	Retain

2. The table below lists standards/technical specifications on the WMPD **to have the current version listed on the WMPD with the existing version(s) retained for 18 months then removed.** *NOTE: The 18 month transition period will enable existing products to be re-certified to the current version of the standard/technical specification:-*

**TABLE 2**

<b>Reference</b>	<b>Description</b>	<b>Action</b>
AS 1172.1:1993	Water closets of 6/3 L capacity Part 1: Pans	Current version (2014) to be listed and existing version to be retained for 18 months
AS 1172.2:2005	Water closets of 6/3 L capacity Part 2: Cisterns	Current version (2014) to be listed and existing version to be retained for 18 months
AS 1172.2:1999	Water closet (WC) pans of 6/3 L capacity or proven equivalent - Cisterns	Current version (2014) to be listed and existing version to be retained for 18 months
AS 3571:1989	Plastics piping systems - Glass-reinforced thermoplastics (GRP) systems based on unsaturated polyester (UP) resin - Pressure and non-pressure drainage and sewerage (ISO 10467:2004, MOD)	Current version (3571.1:2009 and 3571.2:2009) to be listed and existing version to be retained for 18 months
AS 4181:1999	Stainless steel clamps for waterworks purposes	Current version (2013) to be listed and existing version to be retained for 18 months
AS 4441:2003	Oriented PVC (PVC-O) pipes for pressure applications	Current version (2008) to be listed and existing version to be retained for 18 months
AS/NZS 2280:2004	Ductile iron pipes and fittings	Current version (2014) to be listed and existing version to be retained for 18 months
AS/NZS 3518:2004	Acrylonitrile butadiene styrene (ABS) compounds, pipes and fittings for pressure applications	Current version (2013) to be listed and existing version to be retained for 18 months
AS/NZS 3879:2006	Solvent cements and priming fluids for PVC (PVC-U and PVC-M) and ABS and ASA pipes and fittings	Current version (2011) to be listed and existing version to be retained for 18 months
AS/NZS 4401:2005	Plastics piping systems for soil and waste discharge (low and high temperature) inside buildings - Polyethylene (PE)	Current version (2006) to be listed and existing version to be retained for 18 months
EN 13598.1:2003	Plastics Piping Systems for non-pressure underground drainage and sewerage - Unplasticised Poly(vinyl Chloride) (pvc-u), Polypropylene (pp) and Polyethylene (pe) - Part 1: Specifications for Ancillary Fittings Including Shallow Inspection Chambers	Current version (2010) to be listed and existing version to be retained for 18 months
EN 295:1992	Vitrified Clay Pipe Systems for Drains and Sewers	Current version (2013) to be listed and existing version to be retained for 18 months
ISO 15874.2:2003	Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 2: Pipes	Current version (2013) to be listed and existing version to be retained for 18 months
ISO 15874.3:2003	Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 3: Fittings	Current version (2013) to be listed and existing version to be retained for 18 months
ISO 15874:2003	Incorrectly referenced	Current version (2013) to be listed and existing version to be retained for 18 months
WMTS004:2005	Urinal Flushing Cisterns	Current version (2013) to be listed and existing version to be retained for 18 months
WMTS007:2004	Metal-bodied water hammer arresters	Current version (2008) to be listed and existing version to be retained for 18 months
WMTS463:2005	Pressure attenuator	Current version (2015) to be listed and existing version to be retained for 18 months

3. The table below lists standards/technical specifications on the WMPD to be **retained for 18 months then removed**. *NOTE: The 18 month transition period will enable existing products to be re-certified to the current standard/technical specification listed on the WMPD:-*

**TABLE 3**

<b>Reference</b>	<b>Description</b>	<b>Action</b>
AS 1357.1:2004	Valves primarily for use in heated water systems - Protection valves	Retain version for 18 months and then remove
AS 1646.4:2005	Elastomeric seals for waterworks purposes - Material requirements for pipe joint seals used in water and wastewater applications - Thermoplastic elastomers and vulcanizates	Retain version for 18 months and then remove
AS 2419.2:1994	Fire hydrant installations - Fire hydrant valves	Retain version for 18 months and then remove
AS 2419.2:1996	Fire hydrant installations - Fire hydrant valves	Retain version for 18 months and then remove
AS 2492:1994	Cross-linked polyethylene (PE-X) pipes for pressure applications	Retain version for 18 months and then remove
AS 2537:1994	Mechanical jointing fittings for use with crosslinked polyethylene (PE-X) for pressure applications - Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - General (ISO 15875-1:2003, MOD)	Retain version for 18 months and then remove
AS 2638.2:2002	Gate valves for waterworks purposes - Resilient seated	Retain existing version for 18 months then remove
AS 2638.2-2006	Gate valves for waterworks purposes - Resilient seated	Retain existing version for 18 months then remove
AS 3498:2003	Authorization requirements for plumbing products - Water heaters and hot-water storage tanks	Retain existing version for 18 months then remove
AS 3498:2003/AMDT 1	Authorization requirements for plumbing products - Water heaters and hot-water storage tanks	Retain existing version for 18 months then remove
AS 3688:1994	Water supply - Copper and copper alloy body compression and capillary fittings and threaded-end connectors	Retain version for 18 months and then remove
AS 4176:1994	Multilayer pipes for pressure applications - Multilayer piping systems for hot and cold water plumbing applications - General (ISO 21003-1:2008, MOD)	Retain version for 18 months and then remove
AS/NZS 1260:2002	PVC-U pipes and fittings for drain, waste and vent application	Retain version for 18 months and then remove
AS/NZS 1477:1999	PVC pipes and fittings for pressure applications	Retain existing version for 18 months then remove
AS/NZS 2712:2007	Solar and heat pump water heaters - Design and construction	Retain existing version for 18 months then remove. Licences should be under AS 3498
AS/NZS 3499:1997	Flexible tube connectors for water supply	Retain version for 18 months and then remove
AS/NZS 3662:1996	Water supply - Water efficient mains pressure shower spray heads	Retain version for 18 months and then remove
AS/NZS 3718:2003	Water supply - Tap ware	Retain version for 18 months and then remove
AS/NZS 4129:2000	Fittings for polyethylene (PE) pipes for pressure applications	Retain version for 18 months and then remove
AS/NZS 4130:2003	Polyethylene (PE) pipes for pressure applications	Retain version for 18 months and then remove
WMTS006:2004	Reflux valves - Sewerage	Retain version for 18 months and then remove
WMTS016:2005	Cistern inlet valves	Retain version for 18 months and then remove ( <b>superseded by AS 1172.2:2014</b> )
WMTS016:2010	Cistern inlet valves	Retain version for 18 months and then remove ( <b>superseded by AS 1172.2:2014</b> )



<b>Reference</b>	<b>Description</b>	<b>Action</b>
WMTS017:2005	Cistern outlet valves	Retain version for 18 months and then remove ( <b>superseded by AS 1172.2:2014</b> )
WMTS020:2004	Flushing valves for water closets and urinals - for use with mains supply	Retain version for 18 months and then remove ( <b>superseded by AS 1172.2:2014</b> )
WMTS021:2004	Flushing valves for water closets and urinals - for use with break tank supply	Retain version for 18 months and then remove ( <b>superseded by AS 1172.2:2014</b> )
WMTS030:2004	Solenoid valves	Retain existing version for 18 months then remove
WMTS030:2004	Solenoid valves	Retain existing version for 18 months then remove
WMTS030-2007	Solenoid valves	Retain existing version for 18 months then remove
WMTS053:2006	Stainless steel pipes and tubes for pressure applications	Retain existing version for 18 months then remove
WMTS461:2004	Stainless steel tubes and mechanical compression fittings for pressure applications	Retain existing standard then remove after 18 months. Specification <b>superseded by AS 5200.053</b>
WMTS478:2006	Cross-linked polyethylene/Aluminium/Cross-linked polyethylene macro-composite pipe systems for pressure applications	Retain existing standard then remove after 18 months. Specification <b>superseded by AS 4176.2 &amp; AS 4176.3</b>

4. The following standards/technical specifications on the WMPD will be **removed** and **replaced with current versions**. *NOTE: No products have been certified to these standards/technical specifications and therefore a transition period is not required:-*

**TABLE 4**

<b>Reference</b>	<b>Description</b>	<b>Action</b>
ISO 15874.1:2003	Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 1: General	Remove existing version and replace with current version ( <b>2013</b> )
WMTS458:2004	Universal plastic-bodied transition couplings	Remove existing version and replace with current version ( <b>2008</b> )
WMTS471:2005	Stainless steel tubes and mechanical compression fittings for pressure applications - Alternative systems	Remove existing version. Specification superseded by <b>AS 5200.053: 2008</b>

5. The table below lists standards/technical specifications on the WMPD to be **immediately removed**. *NOTE: These standards/technical specifications have been superseded and/or are not used for products within the scope of the WMCS:-*

**TABLE 5**

<b>Reference</b>	<b>Description</b>	<b>Action</b>
AS 1357.2:1998	Valves primarily for use in heated water systems - Control valves	Remove
AS 1631:1994	Cast grey and ductile iron non-pressure pipes and fittings	Remove as no Certificates issued and standard is for exempt products
AS 1646.1:2000	Elastomeric seals for waterworks purposes - General requirements	Remove
AS 1646.2:2000	Elastomeric seals for waterworks purposes - Material requirements for pipe joint seals used in water and wastewater applications - Specifies by prescription formulation	Remove
AS 1646.3:2000	Elastomeric seals for waterworks purposes - Material requirements for pipe joints seals used in water and wastewater applications with the exception of natural rubber and polyisoprene compounds	Remove
AS 2638.1:2002	Gate valves for waterworks purposes - Metal seated	Remove
AS 3517:1995	Capillary fittings of copper and copper alloy for non-pressure sanitary plumbing applications	Remove
AS 3565:2004	Meters for water supply - Cold water meters	Remove
AS 3691:1989	Solvent cement and priming (cleaning) fluids for use with ABS pipes and fittings	Remove
AS 3952:2002	Water supply – Spring hydrant valve for waterworks purposes	Remove
AS 3996:1992	Access covers and grates	Remove as no Certificates issued and standard is for exempt products
AS 3996:2006	Access covers and grates	Remove as no Certificates issued and standard is for exempt products
AS 4032.1:2002	Water supply - Valves for the control of hot water supply temperatures - Thermostatic mixing valves - Materials design and performance requirements	Remove
AS 4032.2:2002	Water supply - Valves for the control of hot water supply temperatures - Tempering valves and end of line temperature actuated devices	Remove
AS 4032:2002	Water supply—Valves for the control of heated water supply temperatures	Remove
AS 4139:2003	Fibre reinforced concrete pipes and fittings	Remove
AS 4176.8:2010	Multilayer pipes for pressure applications - Multilayer pipe systems for consumer gas installations with a maximum operating pressure up to and including 5 bar (500 kPa) - Specifications for systems (ISO 17484-1:2006, MOD)	Remove as standard is for gas products not plumbing and drainage. Not considered part of WMCS.
AS 4181:1994	Stainless steel clamps for waterworks purposes	Remove
AS/NZS 1167.1:2005	Welding and brazing - Filler metals - Filler metal for brazing and braze welding	Remove

<b>Reference</b>	<b>Description</b>	<b>Action</b>
AS/NZS 1730:1996	Washbasins	Remove as fixture exempt from WMCS
AS/NZS 2023:1995	Baths for ablutionary purposes	Remove as fixture exempt from WMCS
AS/NZS 2642.2-1994	Polybutylene pipe systems - Polybutylene (PB) pipe for hot and cold water applications	Remove
AS/NZS 2642.3:1994	Polybutylene pipe systems - Mechanical jointing fittings for use with polybutylene (PB) pipes for hot and cold water applications	Remove
AS/NZS 2712	Solar and heat pump water heaters - Design and construction	Remove
AS/NZS 3500:2003	Plumbing and drainage Set	Remove
AS/NZS 3879:1995	Solvent cements and priming fluids for use with unplasticized PVC (uPVC) pipes and fittings	Remove
AS/NZS 4130-209		Remove. Incorrect year listing of standard. WMCABs to be notified to amended Licence to correct listing AS/NZS 4130:2009
AS/NZS 4401:1999	High-density polyethylene (PE-HD) pipes and fittings for soil and waste discharge (low and high temperature) systems inside buildings - Specifications	Remove
AS/NZS 4765:2000	Modified PVC (PVC-M) pipes for pressure applications	Remove
AS/NZS 4999:2003	PVC-U maintenance shafts	Remove
AS/NZS ISO 17025:1999	General requirements for the competence of testing and calibration laboratories	Remove
AS/NZS ISO 17025:2005	General requirements for the competence of testing and calibration laboratories	Remove
AS/NZS ISO 17030:2004	Conformity assessment - General requirements for third-party marks of conformity	Remove
AS/NZS ISO 9000:1994	Quality management systems - Fundamentals and vocabulary	Remove
AS/NZS ISO 9000:2006	Quality management systems - Fundamentals and vocabulary	Remove
ISO 7682:2003	Plastics piping systems for soil and waste discharge (low and high temperature) inside buildings - Acrylonitrile-butadiene-styrene (ABS)	Remove
ISO/IEC Guide 76:2004	Conformity assessment -- Fundamentals of product certification	Remove
PCA 2004	Plumbing Code of Australia 2004	Remove
SA MP 52:2001	Manual of authorization procedures for plumbing and drainage products	Remove
SA MP 52:2005	Manual of authorization procedures for plumbing and drainage products	Remove
WMTS014:2005	Jointing materials	Remove not a published version
WMTS037.1:2004	Flow controllers - for controlling flows in cold or heated water systems	Remove
WMTS037.2:2005	Flow controllers for use with heated or cold water systems	Remove
WMTS037:2004		Remove
WMTS420:2004	Trap-priming valves	Remove
WMTS460:2004	Grey water diversion device (GWDD)	Remove
WMTS462:2004	Rainwater tank connection valve	Remove
WMTS466:2004	Rainwater tank connection devices	Remove
WMTS490:2007	Cross-linked polyethylene/aluminium/polyethylene-composite pipe systems for pressure applications	Remove
WMTS999:2006	Procedure for developing technical specifications	Remove
WSA 107	Mechanical tapping bands	Remove

## **Further Information**

Should any WaterMark Conformity Assessment Body or Approved User require further clarification, they should contact the ABCB office directly for further advice on 1300 134 631 or email [watermark@abcb.gov.au](mailto:watermark@abcb.gov.au)

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