



Schedule of Excluded Products

WaterMark Certification Scheme

2023-2



Australian
Building
Codes Board

watermark.abcb.gov.au

The Australian Building Codes Board

The Australian Building Codes Board (ABCB) is a joint initiative of all levels of government in Australia, together with the building industry. Its mission is to oversee issues relating to health, safety, amenity and sustainability in building. The ABCB promotes efficiency in the design, construction and performance of buildings through the National Construction Code, and the development of effective regulatory and non-regulatory approaches. The Board aims to establish effective and proportional codes, standards and regulatory systems that are consistent between states and territories.

For more information see the [ABCB website](#).

Copyright



© Commonwealth of Australia and States and Territories of Australia 2023, published by the Australian Building Codes Board.

The material in this publication is licensed under a Creative Commons Attribution-No Derivatives-4.0 International licence, with the exception of
Any third-party material
Any trademarks, and
Any images or photographs.

More information on this CC BY licence is set out at the [Creative Commons website](#).

Enquiries about this publication can be sent to:

Australian Building Codes Board

GPO Box 2013 CANBERRA ACT 2601

Phone: 1300 134 631

Email: ncc@abcb.gov.au

Web: abcb.gov.au

Attribution

Use of all or part of this publication must include the following attribution:

© Commonwealth of Australia and States and Territories 2023,
published by the Australian Building Codes Board

Contents

Introduction.....	3
Appliances and fixtures	5
Water-Using Appliances.....	9
Fittings and Pipes.....	10
Linings	11
Other	12

Introduction

The WaterMark Certification Scheme is a mandatory certification scheme for certain plumbing and drainage products to ensure they are fit for purpose for use in a plumbing and drainage installation. The ABCB manages and administers the Scheme.

The National Construction Code – Volume Three, Plumbing Code of Australia (PCA) requires certain plumbing and drainage products to be certified and authorised for use in a plumbing or drainage installation.

The scope of the WaterMark Certification Scheme is based on the following principles:

- a) The installation of the product is covered by the PCA and regulated by all States and Territories (excluding State and Territory variations, which vary how the product is regulated through the PCA);
- b) The objectives of the Scheme¹; and
- c) The product category is to present a public risk requiring mitigation through the Scheme, as determined by the Protocol for the Assessment of Risks of Plumbing Products² and subsequent listing on the WaterMark Schedule of Products.

It is important to note that not all plumbing and drainage products require WaterMark certification. However, all materials and products proposed to be used in a plumbing and drainage installation require a risk assessment to determine if WaterMark certification is necessary.

This document, the WaterMark Schedule of Excluded Products, lists products that have been predetermined to be excluded from WaterMark certification. Another document, the WaterMark Schedule of Products, lists products that have been predetermined to require WaterMark certification to meet the requirements of the PCA.

To ensure that materials and products are fit for purpose, those listed on the WaterMark Schedule of Excluded Products must be supported by evidence of suitability in

¹ ABCB, [Manual for the WaterMark Certification Scheme](#), page 23.

² ABCB, [Manual for the WaterMark Certification Scheme](#), page 85.

accordance with Part A of the PCA. One option of evidence of suitability is the specification listed in the evidence of suitability section.

Where a product is excluded from requiring certification and includes integral components that are listed on the WaterMark Schedule of Products, each component shall be individually certified.

A material or product intended for use in contact with drinking water must comply with AS/NZS 4020 in accordance with Part A of the PCA.

From time to time the WaterMark Administration may issue Notices of Direction (NoD) which relevant stakeholders must comply with.

[NoD 2021/4 Certification transition arrangements for lead free plumbing products](#) was published on the ABCB website in December 2021 and has been periodically updated since that time. This NoD includes details regarding the lead free material requirements for any product containing copper alloy which is intended for use in contact with drinking water. A transition period from 1 May 2023 to 30 April 2026 has been provided to comply with these requirements. From 1 May 2026 only products WaterMark certified as conforming to the Lead Free requirements of NCC Volume Three, where required, will be authorised for use in plumbing installations. This schedule indicates with an asterisk the product types for which lead free requirements apply.

The specifications referenced in this Schedule are periodically reviewed and new editions are published. Between editions, amendments may be issued and specifications withdrawn. It is important that readers assure themselves they are using a current specification, which could include any amendments which may have been published since the specification was obtained.

This document is uncontrolled when printed, the information contained within changes from time to time. You may need to consult the [ABCB website](#) to verify its currency.

This version, 2023-2, was published in May 2023.

Appliances and fixtures

Product type	Product scope/application	Evidence of suitability
Air conditioner (evaporative cooler)	Air conditioners and evaporative coolers considered a low risk of back siphonage, connected to the water service and/or sanitary plumbing/drainage system.	WMTS-101:2021 Appliances (low hazard rating)
Bain marie	Bain maries not intended to directly supply drinking water, considered a low risk of back siphonage, connected to the water service and/or sanitary plumbing/drainage system.	WMTS-101:2021 Appliances (low hazard rating)
Dental Equipment	Dental equipment for connection to the water service and/or sanitary plumbing piping. Where it is considered that there is some risk of contamination through back siphonage.	WMTS-104:2018 Appliances (miscellaneous)
Basin	Note: Waste outlets require certification.	AS 1172.4 – Sanitary plumbing products - Washbasins
Bath	Foot, baby, bath with or without shower. Note: Waste outlets require certification.	AS 1172.5 – Sanitary plumbing products – Baths for ablutionary purposes

Product type	Product scope/application	Evidence of suitability
Sink	Kitchen, cleaners, laboratory, pot, tea, bar or utility. Note: Waste outlets require certification.	<u>PCA</u>
	Laundry, ablution. Note: Waste outlets require certification.	<u>PCA</u>
Clothes washing machine	Domestic (household and similar) clothes washing machines.	<ul style="list-style-type: none"> • Compliance with listed Standards through the Electrical Equipment Safety System Registration. • AS/NZS 60335.1:2011 Household and similar electrical appliances - Safety General requirements
Clothes washer/dryer machine	Domestic (household and similar) combined clothes washing and drying machines	<ul style="list-style-type: none"> • Compliance with listed Standards through the Electrical Equipment Safety System Registration. • AS/NZS 60335.1:2011 Household and similar electrical appliances - Safety General requirement • AS/NZS 60335.2.7:2012 Household and similar electrical appliances – Safety: Particular requirements for washing machines • AS/NZS 60335.2.11:2009 Household and similar electrical appliances – Safety: Particular requirements for tumble dryers

Product type	Product scope/application	Evidence of suitability
Dish washing machine	Domestic (household and similar) dish washing machines.	<ul style="list-style-type: none"> • Compliance with listed Standards through the Electrical Equipment Safety System Registration. • AS/NZS 60335.1:2011 Household and similar electrical appliances - Safety General requirements
Ice maker	Commercial ice makers where the ice not intended for human consumption, food storage or food preparation.	<u>WMTS-105:2016</u> Appliances – Beverage dispensers and icemakers
* Refrigerating appliances Lead free requirements apply	Domestic (household and similar) fridges and freezers with ice making and beverage dispensing capabilities.	<ul style="list-style-type: none"> • Compliance with listed Standards through the Electrical Equipment Safety System Registration. • AS/NZS 60335.1:2011 Household and similar electrical appliances - Safety General requirements • AS/NZS 60335.2.24: Household and similar electrical appliances - Safety - Particular requirements for refrigerating appliances, ice-cream appliances and ice-makers. • NSF/ANSI/CAN 372:2020 – Drinking Water System Components – Lead Content

Product type	Product scope/application	Evidence of suitability
<p>* Coffee machine Lead free requirements apply</p>	<p>Domestic (household) built-in coffee machine</p>	<ul style="list-style-type: none"> • Compliance with listed Standards through the Electrical Equipment Safety System Registration. • AS/NZS 60335.2.15: Household and similar electrical appliances - Safety - Particular requirements for appliances for heating liquids. • AS/NZS 60335.2.75: Household and similar electrical appliances - Safety - Particular requirements for commercial dispensing appliances and vending machine. • NSF/ANSI/CAN 372:2020 – Drinking Water System Components – Lead Content
<p>* Steam Oven Lead free requirements apply</p>	<p>Domestic (household) built-in steam combination oven.</p>	<ul style="list-style-type: none"> • Compliance with listed Standards through the Electrical Equipment Safety System Registration. • AS/NZS 60335.1: Household and similar electrical appliances - Safety - General requirements. • AS/NZS 60335.2.6: Household and similar electrical appliances - Safety - Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances. • NSF/ANSI/CAN 372:2020 – Drinking Water System Components – Lead Content

Water-Using Appliances

Product type	Product scope/application	Evidence of suitability
Photographic processor	Photographic processor for connection to the water service and/or sanitary plumbing piping. Where it is considered that there is some risk of contamination through back siphonage.	WMTS-104:2018 Appliances (miscellaneous)
Vacuum cleaner		Not required to be certified.

Fittings and Pipes

Product type	Product scope/application	Evidence of suitability
Class 1 thermoplastic co-extruded smooth bore hoses for air-conditioning split system	Pressure	PCA
Manual operated flow limiting device for showers	Non-Pressure	PCA
* Tap outlet diverter (end of line) <i>Lead free requirements apply</i>	Non-Pressure	<ul style="list-style-type: none"> • PCA • NSF/ANSI/CAN 372:2020 – Drinking Water System Components – Lead Content

Linings

Product type	Product scope/application	Evidence of suitability
Linings	Water. Coatings for potable water steel tank lining.	<u>Australian Paint Approval Scheme</u> (APAS) approved products
	Sewage. Coatings for steel and concrete in sewage works	<u>Australian Paint Approval Scheme</u> (APAS) approved products
	Water pumps and valves. Coating systems intended for the internal lining of ferrous and non-ferrous pumps and valves used for potable water reticulation.	<u>Australian Paint Approval Scheme</u> (APAS) approved products

Other

Product type	Product scope/application	Evidence of suitability
Access Covers and Frames	Access covers for use in vehicular and pedestrian areas. Applies to access covers and grates having clear openings up to 1300 mm.	AS 3996:2006 Access covers and grates
Water treatment additives		Not required to be certified.
Automatic electronic drainage monitoring system	Non-Pressure	<u>PCA</u>
Heated water safe tray		<u>PCA</u>
Wind powered sewer fan (whirly bird)		<u>PCA</u>
Fire hydrant	Valves suitable for installation as fire hydrant valves.	AS 2419.2:2009 Fire hydrant installations - Fire hydrant valves
Fire protection booster valves	Fire brigade booster connection(s) suitable for installations as part of fire hydrant systems and sprinkler systems.	AS 2419.3:2012 Fire hydrant installations - Fire brigade booster connections
Sink Strainer Plug	Strainer plug to prevent food waste entering the drainage system.	Not required to be certified

Product type	Product scope/application	Evidence of suitability
Hydrogen hybrid battery storage system	System to convert water into storable hydrogen energy via electrolysis	PCA
