



Department of Housing and Works
Government of Western Australia

BCA (5 Star Plus) Energy and Water Efficiency Conformance Check Sheet and Declaration

Deemed-to-satisfy solutions for Class 1 and 10a buildings, and swimming pools

Building Details

Type of building: _____

Lot No: _____ Street No: _____ Street: _____

Suburb: _____ Post Code: _____

Owner: _____

Builder: _____

WA 1.2 HOT WATER SYSTEMS	Yes	NA
All hot water systems will be either:		
a) A solar hot water system that— i) complies with AS 2712; and ii) has been tested in accordance with AS 4234; and iii) achieves a minimum energy saving of 60% for a hot water demand level of 38 MJ per day for climate zone 3.	<input type="checkbox"/>	<input type="checkbox"/>
b) A gas hot water system that— i) complies with AS 4552; and ii) achieves a minimum energy rating of 5 stars in accordance with AS 4552.	<input type="checkbox"/>	<input type="checkbox"/>
c) A heat pump hot water system that— i) complies with AS 2712; and ii) has been tested in accordance with AS 4234; and iii) achieves a minimum energy saving of 60% for a hot water demand level of 38 MJ per day for climate zone 3.	<input type="checkbox"/>	<input type="checkbox"/>
d) Alternative solution (see attached documentation verifying compliance with requirement to reduce greenhouse gas emissions when heating water.)	<input type="checkbox"/>	<input type="checkbox"/>
WA 2.3.1 WATER USE EFFICIENCY	Yes	NA
All tap fittings (other than bath outlets and garden taps) will be a minimum 4-star WELS rated.	<input type="checkbox"/>	<input type="checkbox"/>
All showerheads will be a minimum 3-star WELS rated.	<input type="checkbox"/>	<input type="checkbox"/>
All sanitary flushing systems will be a minimum dual-flush, 4-stars WELS rated.	<input type="checkbox"/>	<input type="checkbox"/>
Alternative solution (see attached documentation verifying compliance with requirement to facilitate the efficient use of water.)	<input type="checkbox"/>	<input type="checkbox"/>

WA 2.3.2 SWIMMING POOL COVERS AND BLANKETS	Yes	NA
Any new outdoor swimming pool or spa will be supplied with a cover, blanket or the like that – a) reduces water evaporation; and b) is accredited under the Smart Approved Watermark Scheme.	<input type="checkbox"/>	<input type="checkbox"/>
Alternative solution (see attached documentation verifying compliance with requirement to prevent the loss of water.)	<input type="checkbox"/>	<input type="checkbox"/>
WA 2.3.3 HOT WATER USE EFFICIENCY	Yes	NA
All internal hot water outlets will be connected to a hot water system or a re-circulating hot water system with pipes installed and insulated in accordance with AS/NZS 3500: Plumbing and Drainage, Part 4 Heated Water Services.	<input type="checkbox"/>	<input type="checkbox"/>
The pipe from the hot water system or re-circulating hot water system to the furthest hot water outlet will be less than either 20 m in length or 2 litres of internal volume.	<input type="checkbox"/>	<input type="checkbox"/>
Alternative solution (see attached documentation verifying compliance with requirement to facilitate the efficient use of hot water.)	<input type="checkbox"/>	<input type="checkbox"/>

I declare that the details provided on this Declaration Sheet are true and correctly reflect the plans and specifications of the proposed building that has been submitted for a building licence:

Name of Applicant or representative: _____

Company Name: _____

Address: _____

Phone: _____ Fax: _____

Email: _____

Signature: _____ Date: ____/____/____

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This Declaration sheet is designed to be used in conjunction with the deemed to satisfy (DTS) requirements of the BCA WA additions, and should not replace the BCA.

Where a proposal is unable to comply with the DTS requirements, an applicant may seek to demonstrate compliance with the performance requirements by the submission of an Alternative Solution in accordance with the verification methods stated in the BCA. Where this is proposed, a report from an appropriately qualified person is to be submitted for the consideration of the Building Surveyor.