



Department of Housing and Works
Government of Western Australia

BCA PART J

DTS ENERGY EFFICIENCY DECLARATION

Class 2, 3, 4 & 9c buildings

Climate Zone 1 or 3

Class of building: _____

Building Details

Lot No: _____ Street No: _____ Street: _____

Suburb: _____ Post Code: _____

Owner: _____ Address: _____

Builder: _____ Address: _____

Part J1.2 THERMAL CONSTRUCTION GENERAL					
All Insulation that is part of the envelope will be installed in accordance with Clause J1.2 , the Manufacturer's Specifications and AS/NZS 4859.1.					<input type="checkbox"/>
Part J1.3 ROOF & CEILING CONSTRUCTION					
A roof and/or ceiling that is part of the envelope must achieve the Total R-Value as specified in Table J1.3					
Construction Type Specify typical construction type from Specification J1.3 or other	Total R-Value of construction	Required Total R- Value of Table	Required added insulation	N/A	Yes
Roof & Ceiling		R2.2		<input type="checkbox"/>	<input type="checkbox"/>
Ceiling under non-conditioned space		R1.1		<input type="checkbox"/>	<input type="checkbox"/>
For other construction types that are not provided for by Specification J1.3 , Documentary evidence is attached, demonstrating the Total R-value of the material.				<input type="checkbox"/>	<input type="checkbox"/>
J1.3(b)(i) This building is designed with a roof upper surface solar absorptance value of not more than 0.55 and requesting a reduction of the required Total R-value by R0.5 .				<input type="checkbox"/>	<input type="checkbox"/>
J1.3(d) Thermal Break This building has a metal roof fixed to metal purlins, rafters or battens and either does not have a ceiling lining or a ceiling lining attached to the same metal purlins, rafters or battens.			Thermal breaks not less than R0.2 will be installed	<input type="checkbox"/>	<input type="checkbox"/>
Part J1.4 ROOF LIGHTS					
There are no roof lights or they are less than 1.5% of the floor area of the room or space they serve				<input type="checkbox"/>	<input type="checkbox"/>
There are roof lights that are more than 1.5% and less than 10% of the floor area and will comply with the thermal performance requirements of Table J1.4 .				<input type="checkbox"/>	<input type="checkbox"/>
Attached specifications confirming the SHGC and Total U-Value requirements of Table J1.4 . The only provision for natural light is through roof lights that exceed 10% of the floor area.				<input type="checkbox"/>	<input type="checkbox"/>
Attached are specifications confirming the SHGC and Total U-Value requirements of J1.4(c) .				<input type="checkbox"/>	<input type="checkbox"/>

Part J1.5 WALLS					
An external wall that is part of the envelope must achieve the minimum Total R-Value or satisfy one of the options as specified in Table J1.5a .					
Construction Type Specify typical construction type in Specification 1.5 or other	Total R-Value of construction	Required Total R-Value	Required added insulation	N/A	Yes
		R1.4		<input type="checkbox"/>	<input type="checkbox"/>
For other construction types that are not provided for by Specification J1.5 , Documentary evidence is attached, demonstrating the Total R-value of the material.				<input type="checkbox"/>	<input type="checkbox"/>
Table J1.5a Option		Wall/s and storey satisfying option	Required added insulation	<input type="checkbox"/>	<input type="checkbox"/>
(b) The external wall of the storey is shaded with a projection at a minimum of 15 degrees in accordance with Figure J1.5			Nil	<input type="checkbox"/>	<input type="checkbox"/>
J1.5(a)(i) The building is located south of latitude 20° South facing walls need not comply with Table J1.5a			Nil	<input type="checkbox"/>	<input type="checkbox"/>
J1.5(e) Thermal Break This building has lightweight external claddings such as weatherboards, FC sheeting or metal sheeting fixed to a metal frame that does not have a wall lining or has a wall lining attached to the same metal frame.			Thermal breaks of R0.2 will be installed	<input type="checkbox"/>	<input type="checkbox"/>
Part J1.6 FLOORS <i>Not applicable to floors in climate zone 1 or 3</i>					
Part J2 EXTERNAL GLAZING					
All external glazing must be designed and installed in accordance with J2.4 - Method 1 .				<input type="checkbox"/>	<input type="checkbox"/>
A Copy of the Glazing Calculator spreadsheet (Available on www.abcb.gov.au) confirming compliance is attached.				<input type="checkbox"/>	<input type="checkbox"/>
The external glazing has been manually calculated in accordance with J2.4 – Method 1 .				<input type="checkbox"/>	<input type="checkbox"/>
Attached are calculations confirming compliance with the requirements of J2.4 .				<input type="checkbox"/>	<input type="checkbox"/>
Part J3 BUILDING SEALING <i>Does not apply to – ventilation openings for gas appliances, buildings that are air-conditioned by an evaporative cooler or unconditioned atriums or solariums that are separated from the remainder of the building.</i>					
The only means of air-conditioning is by an evaporative cooling system, therefore this building is not required to be sealed.				<input type="checkbox"/>	<input type="checkbox"/>
All chimneys, flues and exhaust fans are fitted with dampers in accordance with J3.2 and J3.5				<input type="checkbox"/>	<input type="checkbox"/>
All windows and doors are fitted with air infiltration seals in accordance with J3.4				<input type="checkbox"/>	<input type="checkbox"/>
The main entrance to the building opens into a conditioned space more than 50m ² and will be fitted with a self-closing door or will be provided with an airlock in accordance with J3.4(d)(i) .				<input type="checkbox"/>	<input type="checkbox"/>
All roofs, walls and floors will be constructed to minimise air leakage in accordance with J3.6				<input type="checkbox"/>	<input type="checkbox"/>
Part J4 AIR MOVEMENT - Only applies to SOU within Class 2 and 4 buildings					
This building is not Classified as a Class 2 or 4 building, therefore compliance with J4.2 is not required				<input type="checkbox"/>	<input type="checkbox"/>
Rooms within the SOU are not fitted with ceiling fans and will have minimum ventilation openings of 7.5% in accordance with Table J4.2 .				<input type="checkbox"/>	<input type="checkbox"/>
Rooms within the SOU will be fitted with ceiling fans and will have minimum ventilation openings of 5% in accordance with Table J4.2 .				<input type="checkbox"/>	<input type="checkbox"/>
Breeze paths are incorporated in accordance with J4.3				<input type="checkbox"/>	<input type="checkbox"/>
All ceiling fans and evaporative coolers will be installed in accordance with J4.4				<input type="checkbox"/>	<input type="checkbox"/>

Part J5 AIR-CONDITIONING AND VENTILATION SYSTEMS	N/A	Yes
This building will not be air-conditioned, therefore, does not require compliance with Part J5 .	<input type="checkbox"/>	<input type="checkbox"/>
All air-conditioning and ventilating systems and components will be designed in accordance with the DTS requirements of Part J5 and a declaration check sheet or a report will be submitted by the mechanical services designer verifying compliance.	<input type="checkbox"/>	<input type="checkbox"/>
Part J6 ARTIFICIAL LIGHTING AND POWER		
This building is Classified as a Class 2 and does not have internal common areas, therefore does not require to comply with Part J6 .	<input type="checkbox"/>	<input type="checkbox"/>
Artificial lighting and power will be designed and installed in accordance with the DTS requirements of Part J6 and a compliance check sheet or report will be submitted by the electrical services designer verifying compliance.	<input type="checkbox"/>	<input type="checkbox"/>
Part J7 HOT WATER SUPPLY		
The hot water supply system will be designed in accordance with Section 8 of AS/NZS 3500.4 . Specifications of the system will be submitted prior to installation.	<input type="checkbox"/>	<input type="checkbox"/>
Part J8 ACCESS FOR MAINTENANCE		
This building is Classified as a Class 2 or Class 4 and does not have internal common areas, therefore, does not require compliance with Part J8 .	<input type="checkbox"/>	<input type="checkbox"/>
The building has been designed to include adequate access for maintenance of plant, equipment and components in accordance with the provision of Part I2 .	<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 and the building will be constructed in accordance with the requirements of Part J as specified.

Name of Builder or representative: _____

Company Name: _____

Address: _____

Phone No: _____ 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 and should not replace the BCA.

Where a proposal is unable to comply with the DTS requirements, an applicant may seek to comply with the performance requirements by the submission of an assessment using 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.