

CERTIFICATE OF THE RESPONSIBLE DESIGNER

Section 94
Section 106
Section 129
Section 155

Form **35**

To: Owner name
 Address
 Suburb/postcode

Designer details:

Name: Category:
 Business name: Phone No:
 Business address:
 Fax No:
 Licence No: Email address:

Details of the proposed work:

Owner/Applicant Designer's project reference No.
 Address:
 Lot No:
 Type of work: Building work Plumbing work (X all applicable)

Description of work:

New kit-form steel structure (Carport, Awning or Garage)

(new building / alteration / addition / repair / removal / re-erection water / sewerage / stormwater / on-site wastewater management system / backflow prevention / other)

Description of the Design Work (Scope, limitations or exclusions): (X all applicable certificates)

Certificate Type:	Certificate	Responsible Practitioner
	<input type="checkbox"/> Building design	Architect or Building Designer
	<input checked="" type="checkbox"/> Structural design	Engineer or Civil Designer
	<input type="checkbox"/> Fire Safety design	Fire Engineer
	<input type="checkbox"/> Civil design	Civil Engineer or Civil Designer
	<input type="checkbox"/> Hydraulic design	Building Services Designer
	<input type="checkbox"/> Fire service design	Building Services Designer
	<input type="checkbox"/> Electrical design	Building Services Designer
	<input type="checkbox"/> Mechanical design	Building Service Designer
	<input type="checkbox"/> Plumbing design	Plumber-Certifier; Architect, Building Designer or Engineer
	<input type="checkbox"/> Other (specify)	

Deemed-to-Satisfy:

Performance Solution:

Other details: NIL

Design documents provided:

The following documents are provided with this Certificate –

Document description:

Drawing numbers:

NJA Consulting Pty Ltd Drawings:

Carports: Drawings: **06205-003-CP01, CP02A, CP03 to CP06, CP07A, CP08, CP09**
Awnings: Drawings **06205-003-AW01A, AW02A, AW05**
Garages: Drawings: **06205-003-GR01A, 02A, 03B to 11B, 12A, 13B, 14A, 15B**
Connections Drawings: **06205-003-CN01**

** Applicable drawings for each individual ABSCO product shall be supplied with the application.
Only some drawings are required for each individual product*

This is a generic certificate for kit-form steel building products. The above items left blank on this certificate shall be completed by the applicant in conjunction with the Building Surveyor.

Schedules: NIL	Prepared by:	Date:
Specifications: NIL	Prepared by:	Date:
Computations: NIL	Prepared by:	Date:
Performance solution proposals: NIL	Prepared by:	Date:
Test reports: NIL	Prepared by:	Date:

Standards, codes or guidelines relied on in design process:

Substance of Certificate:

The structural design for the range of ABSCO kit-form buildings has been undertaken in accordance with the following design conditions.

- NCC - Building Code of Australia (2016) – Volume 2 – Class 1 and Class 10 Buildings
- AS1170.0-2002 - Structural design actions Part 0 General Principles
- AS1170.1-2002 - Structural design actions Part 1 Permanent, imposed and other actions
- AS1170.2-2011 - Structural design actions Part 2 Wind Actions
- AS1170.3-2003 - Snow Loads
- AS3600 - 2009 - Concrete Structures
- AS4100 - 1998 - Steel Structures
- AS4055 - 2012 - Wind loads for Housing
- AS4600 - 2005 - Cold-formed Steel Structures
- AS2870 - 2011 - Residential Slabs and Footings – Construction.
- Ramset - Specifiers Resource Book
- Buildex Fasteners - Technical Specification
- Low-High-Low testing of cyclonic area roof sheeting by University of Adelaide. Test results available on request.

Scope or Limitations

- This certificate relates to the structural aspects of the building only.
- The slab and footings nominated on the drawings are suitable for class A, S, M, and H site classifications (awnings, garden sheds and carports), class A, S & M site classifications (garages) in accordance with AS2870. The applicant shall seek advice from a local building practitioner should the site classification fall outside of this range i.e. class E and P sites. The foundation material shall have a minimum safe bearing capacity of 75 kPa.
- The building shall be constructed in accordance with the design drawings and ABSCO assembly manuals. NJA accept no responsibility whatsoever for the performance of structures not constructed in accordance with these documents.
- The structures are designed to sustain the wind loads nominated on the drawing for Group 1, Group 2 and Group 3 wind loadings. The site wind classification shall be derived in accordance with AS4055. Structural wind loads have been derived using AS1170.2-2002.

The following criteria are applicable to structure wind loads:

Structure Importance Level: **2**

Annual probability of exceedance: **1:500**

Topographic Classification: **T1**

Internal Pressure Coefficients

N2, N3 garages: **+0.2, -0.3 (non-cyclonic)**

C1 garages: **+0.7, -0.65 (cyclonic)**

The structures are rated to meet the wind classifications nominated on the plans. The onus is on the building certifier or local authority to ensure that the wind classification relevant to the intended siting of the ABSCO product does not exceed the product's individual wind rating. The site wind classification shall be determined in accordance with AS4055 Table 1 for topographic classification T1, for the relevant wind region.

NJA Consulting will not be providing site specific wind data as part of this certification. Should the certifier require site specific wind data, then they shall refer the applicant to a suitably qualified local building practitioner.

- This certificate shall not be construed as relieving any party of their contractual responsibilities, and is valid until **8 October 2019**. Beyond this date the certification shall be carried by another consultant.

Any other relevant documentation:	
NIL	

Attribution as designer:

I DAVEY JOHN McDONALD am responsible for the design of that part of the work as described in this certificate;

The documentation relating to the design includes sufficient information for the assessment of the work in accordance with the *Building Act 2016* and sufficient detail for the builder or plumber to carry out the work in accordance with the documents and the Act;

This certificate confirms compliance and is evidence of suitability of this design with the requirements of the National Construction Code.

	<i>Name: (print)</i>	<i>Signed</i>	<i>Date</i>
Designer:	<input type="text"/>	<input type="text" value="DJM"/>	<input type="text" value="8/10/18"/>
Licence No:	<input type="text" value="CC4481E"/>		

Assessment of Certifiable Works: (TasWater)

Note: single residential dwellings and outbuildings on a lot with an existing sewer connection are not considered to increase demand and are not certifiable.
If you cannot check ALL of these boxes, LEAVE THIS SECTION BLANK.
TasWater must then be contacted to determine if the proposed works are Certifiable Works.

I confirm that the proposed works are not Certifiable Works, in accordance with the Guidelines for TasWater CCW Assessments, by virtue that all of the following are satisfied:

- The works will not increase the demand for water supplied by TasWater
- The works will not increase or decrease the amount of sewage or toxins that is to be removed by, or discharged into, TasWater's sewerage infrastructure
- The works will not require a new connection, or a modification to an existing connection, to be made to TasWater's infrastructure
- The works will not damage or interfere with TasWater's works
- The works will not adversely affect TasWater's operations
- The work are not within 2m of TasWater's infrastructure and are outside any TasWater easement
- I have checked the LISTMap to confirm the location of TasWater infrastructure
- If the property is connected to TasWater's water system, a water meter is in place, or has been applied for to TasWater.

Certification:

I being responsible for the proposed work, am satisfied that the works described above are not Certifiable Works, as defined within the *Water and Sewerage Industry Act 2008*, that I have answered the above questions with all due diligence and have read and understood the Guidelines for TasWater CCW Assessments.

Note: the Guidelines for TasWater Certification of Certifiable Works Assessments are available at: www.taswater.com.au

	<i>Name: (print)</i>	<i>Signed</i>	<i>Date</i>
Designer:	<input type="text"/>	<input type="text"/>	<input type="text"/>

TK SPECIALTY RISKS PTY LTD
ABN: 21 608 877 783
Representative No: 001237371
Corporate Authorised Representative
Millennium Underwriting Agencies Pty Ltd – AFSL No: 246721

Certificate of Currency

Insured: NJA Consulting Pty Ltd

Professional Services: Consulting Engineers.

Class of Insurance: Professional Indemnity Insurance

Policy Number: TKSCC171006100

Policy Term: From 4pm 8/10/2018 to 4pm 8/10/2019

Limit of Liability: Professional Indemnity: \$3,000,000

Wording: TKSR CCB 2018

Retroactive Date: Unlimited, excluding known claims and/or circumstances

Insurer: 100% Certain Underwriters at Lloyd's

The above is a brief outline of the Policy only, and coverage is at all times subject to the terms and conditions of the Policy.



T Kent
Authorised Officer
Millennium Underwriting Agencies Pty Ltd

Date: 08/10/2018