

Form 15—Compliance Certificate for building Design or Specification

NOTE	<p>This is to be used for the purposes of section 10 of the <i>Building Act 1975</i> and/or section 46 of the <i>Building Regulation 2006</i>.</p> <p>RESTRICTION: A building certifier (class B) can only give a compliance certificate about whether building work complies with the BCA or a provision of the QDC. A building certifier (Class B) can not give a certificate regarding QDC boundary clearance and site cover provisions.</p>
<p>1. Property description This section need only be completed if details of street address and property description are applicable. EG. In the case of (standard/generic) pool design/shell manufacture and/or patio and carport systems this section may not be applicable.</p> <p>The description must identify all land the subject of the application.</p> <p>The lot & plan details (eg. SP / RP) are shown on title documents or a rates notice.</p> <p>If the plan is not registered by title, provide previous lot and plan details.</p>	<p>Street address <i>(include no., street, suburb / locality & postcode)</i></p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%; text-align: right; padding-right: 50px;">Postcode</div> <p>Lot & plan details <i>(attach list if necessary)</i></p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <p>In which local government area is the land situated?</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>
<p>2. Description of component/s certified</p> <p>Clearly describe the extent of work covered by this certificate, e.g. all structural aspects of the steel roof beams.</p>	<div style="border: 1px solid black; padding: 5px;"> <p>B & D SERIES 2 ROLLER DOOR WITH WINDCLIPS - 5.1m HIGH X 5.5m WIDE MAXIMUM FOR USE IN WIND REGIONS B AND C, TERRAIN CATEGORY 2 AND UP TO A MAXIMUM ULTIMATE OUTWARD DESIGN WIND PRESSURE RATING OF 3.01KPA</p> </div>
<p>3. Basis of certification</p> <p>Detail the basis for giving the certificate and the extent to which tests, specifications, rules, standards, codes of practice and other publications, were relied upon.</p>	<p><i>Design in accordance with the following SAA codes, drawings, reports, specifications and theory</i></p> <ul style="list-style-type: none"> ➤ Test report no.'s TS895 and TS907 from the Cyclone Testing Station - School of Engineering and Physical Sciences at James Cook University ➤ Principles of Mechanics ➤ AS/NZS 1170.2:2011 Structural design actions Part 2: Wind actions ➤ AS 4100:1998 Steel structures ➤ AS/NZS 1170.0:2002 Structural design actions Part 0: General principles ➤ AS/NZS 1170.1 Structural design actions Part 1: Permanent imposed and other actions ➤ AS/NZS 4600: 2005 Cold-formed steel structures ➤ AS1720.1:2010 Timber structures part 1: Design methods ➤ AS/NZS 1664.1:1997 Aluminium structures Part 1: Limit state design ➤ AS 3700:2001 Masonry structures ➤ AS/NZS 4505:2012 Garage doors and other large access doors ➤ Ramset - Specifiers Resource Book ➤ Buildex Fasteners - Technical specifications ➤ Engineering drawing numbers 2289/S04K, 2289/S05K, 2289/S06K, 2289/S07K, 2289/S08K and 2289/S09K (attached)

Limitations

- For use in wind regions B and C, terrain category 2 and up to a maximum ultimate design outward wind pressure rating of 3.01Kpa.
- This certificate relates to the structural adequacy of the B & D Series 2 roller door with wind-clips only. The structure to which the door is attached shall be assessed and certified independently as required by a suitably qualified engineer.
- The subject doors are rated up to an ultimate design outward wind pressure = 3.01Kpa for a maximum allowable curtain width (L) of 5500mm.
- The building design engineer is to ensure that the site specific design wind loadings do not exceed the ultimate design wind pressure ratings given on engineering drawings.
- Alternative design parameters to what are specified on engineering drawings along with alternative site specific local pressure factors may be adopted provided the calculated ultimate design wind pressures do not exceed the values given on engineering drawings.
- Doors may be positioned at any location along the building envelope including all local pressure zones (i.e. corners of buildings) provided the calculated ultimate design wind pressures do not exceed the values given on engineering drawings.

4. Reference documentation

Clearly identify any relevant documentation, e.g. numbered structural engineering plans.

Engineering drawing numbers 2289/S04K, 2289/S05K, 2289/S06K, 2289/S07K, 2289/S08K and 2289/S09K by James Ellis & Associates Pty Ltd (attached)

LOCAL GOVERNMENT USE ONLY

Date received		Reference Number/s	
---------------	--	--------------------	--



5. Building certifier reference number

Building certifier reference number

6. Competent person details

A competent person for building work, means a person who is assessed by the building certifier for the work as competent to practise in an aspect of the building and specification design, of the building work because of the individual's skill, experience and qualifications in the aspect. The competent person must also be registered or licensed under a law applying in the State to practice the aspect.

If no relevant law requires the individual to be licensed or registered to be able to give the help, the certifier must assess the individual as having appropriate experience, qualifications or skills to be able to give the help.

If the chief executive issues any guidelines for assessing a competent person, the building certifier must use the guidelines when assessing the person.

Name (*in full*)**James Ellis**Company name (*if applicable*)**James Ellis & Associates Pty Ltd**

Contact person

James EllisPhone no. *business hours***(02) 8764 1035**

Mobile no.

0405 149 834

Fax no.

Email address

james@jamesellisengineers.com.au

Postal address

PO Box 56 Hurlstone Park NSW

Postcode 2193

Licence or registration number (*if applicable*)**RPEQ No. : 11921****7. Signature of competent person**

This certificate must be signed by the individual assessed by the building certifier as competent.

Signature

**James Ellis BE(Struct)**

Date

9th March 2015