

**Shire of Exmouth
STRUCTURAL DESIGN CERTIFICATE**

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I/WE Being a practising structural engineer of

1. I/We am/are responsible for the structural design of the building work described as:

Shown on drawing No.s:

To be erected for:

Location:

2. The abovementioned building works has been designed in accordance with the principles of structural mechanics and constructed reasonably in accordance with the documents listed above shall be capable of sustaining the most adverse combinations of loads to which it will be subjected in accordance with the relevant provisions of the Building Regulations (WA) 2012 and the Building Code of Australia. The relevant Australian Standard Codes, specifications and references relied upon in the design of the building works are as follows:

AS 1170.0, 1, 2, & 4:
(specify other Australian Standards relevant to the structural design requirements of the works)

If the design does not comply fully with any of the relevant Australian Standard Codes listed above, state which Australian Standard and in which areas it differs:

.....
(Attach reports if necessary)

3. The basic design criteria and assumptions used in the design are: *(Must be fully completed)*

(i) Wind Design (AS1170.2)

- Region	D	Terrain Category:	Basic Wind Velocity:	Internal Pressure Co-eff:
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- Height (above sea level):			Shielding Factor:	Topographic Multiplier:
.....		
- Scope 1:			Design Wind Velocity:	
.....			

- (ii) Footings – the method of foundation assessment for the design of the footings;
- (iii) Durability – structural concrete and steelwork are design and/or protected against the following environmental conditions in accordance with the relevant Australian Standard codes.
- (iv) Materials and forms of construction
In accordance with the Australian Standard/s
- (v) Design Floor Live Loads (AS1170 Part 1)

4.

ENGINEER OR OTHER APPROVED PERSON OR BODY;

ADDRESS:

PROFESSIONAL QUALIFICATIONS:

REGISTERED PROFESSIONAL ENGINEER NO.

SIGNATURE: DATE:

RELEVANT EXPERIENCE: (For completion where relevant experience has not previously been accepted by the Local Authority):

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(Where space is insufficient for any of the above, please attach separate report)