

CERTIFICATE OF QUALIFIED PERSON – ASSESSABLE ITEM

Section 321

Form **55**

To: Owner /Agent
 Address
 Suburb/postcode

Qualified person details:

Qualified person: Chong Shing Liew
Address: Unit 6, 10 Shields Crescent Phone No: 0432 778 424
 Booragoon WA 6154 Fax No: N/A
Licence No: 619885189 Email address: subismartz@yahoo.com
Qualifications and Insurance details: Licensed as an Engineer – Civil *(description from Column 3 of the Director's Determination - Certificates by Qualified Persons for Assessable Items)*
Speciality area of expertise: Structural engineering *(description from Column 4 of the Director's Determination - Certificates by Qualified Persons for Assessable Items)*

Details of work:

Address: Not applicable – generic pool shell design Lot No: N/A
 Certificate of title No: N/A
The assessable item related to this certificate: A design – the structural elements of the above ground galvanised steel plunge pool, Family Plunge Pool (Ø2.4m x 0.61m), comprising the pool shell and its supporting base, as detailed on the documentation listed below. *(description of the assessable item being certified)*
Assessable item includes –

- a material;
- a design
- a form of construction
- a document
- testing of a component, building system or plumbing system
- an inspection, or assessment, performed

Certificate details:

Certificate type: Structural *(description from Column 1 of Schedule 1 of the Director's Determination - Certificates by Qualified Persons for Assessable Items n)*

This certificate is in relation to the above assessable items, at any stage, as part of – (tick one)

☒ building work, plumbing work or plumbing installation or demolition work

OR

☐ a building, temporary structure or plumbing installation

In issuing this certificate the following matters are relevant –

Documents:	Engineering drawings JB99230-FP-01, FP-02 & FP-03, Revision A, dated 16/09/2026 Prepared by Subi Smartz Consultants Pty Ltd
Relevant calculations:	Slab Calculation JB99394-CALC-01, Revision 0, dated 16/10/2026, 7 pages Prepared by Subi Smartz Consultants Pty Ltd
References:	NCC 2022 Amendments 1 & 2 and relevant Australian Standards including AS/NZS 1170.0:2002, AS/NZS 1170.1:2002, AS/NZS 1170.2:2021, AS 4100-2020, AS/NZS 4600-2018, AS 3600:2018, AS 3633:1989 and AS 2870:2011.

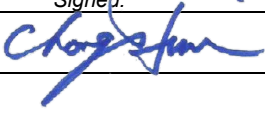
Substance of Certificate: (what it is that is being certified)

- This certification confirms that the Family Plunge Pool (Ø2.4m x 0.61m), when installed in accordance with the referenced drawings, complies with the structural provisions of NCC 2022 Volume Two and the referenced Australian Standards.
- The pool can safely withstand the full hydrostatic pressure at 550 mm design water depth.

Scope and/or Limitations

- The extent of work covered by this certificate is the structural elements detailed on the referenced documentation.
- Suitable for site classifications A, S and M on any base detail shown on the engineering drawings, and for site classifications H1 and H2 (up to 75 mm characteristic surface movement) on a 150 mm thick reinforced concrete slab, using either the concrete base or the raised decking detail only.
- Paver, compacted pad and in-ground installations on H1 and H2 sites, and all installations on sites classified P or E, require site-specific design by a qualified engineer.
- Excludes pool safety barriers, which remain the responsibility of the pool owner, and the compliance of supplied hydraulic equipment with AS 1926.3, which remains the responsibility of the supplier.
- Valid for 12 months from date of issue.

I certify the matters described in this certificate.

Qualified person:	Signed: 	Certificate No: JB99394-TAS-02	Date: 21-10-26
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