

ClauseLogic Compliance Report

NCC 2022 Class 1 Residential

Generated: 20 June 2026

1. Project Summary

Address	42 Warwick Street, Paddington NSW 2021
State	NSW
Submission Date	2025-09-01
Climate Zone	5
Building Class	Class 1
Construction Type	Lightweight (Timber / Steel Framed)
Code Version	NCC 2022 Amendment 2
Evaluation ID	78d87895-470a-42f4-95ed-187303650534

2. Risk Assessment Result

RED Risk Score: 75

High risk — critical issues found that must be resolved before submission.

Rules Passed	34
Rules Failed	9
Rules Skipped	21

3. Compliance Module Summary

Module	NCC Clause	Passed	Failed	Skipped	Result
Energy Efficiency	Part 13 / H6	21	0	0	PASS
Heated Water System	H7.4	3	0	0	PASS
Livable Housing	H8	5	0	0	PASS
Waterproofing	H4D2/H4D3, Part 10.2	4	5	3	FAIL
Fire Safety	H3 / Part 9	0	0	6	N/A
Whole-of-Home Energy	H6.2 / Part 13.2	1	0	0	PASS

4. Gate Failure

STOP — This submission has triggered a gate failure

One or more critical compliance rules have failed. This submission cannot proceed until the following issues are resolved:

- NCC22_GL_001: GL_001 gate failed

5. Top Issues

WP_007 (HIGH, 10 pts)

Fix: Waterproofing membrane in shower areas must extend a minimum of 1800mm above the finished floor level on all shower walls, or to the ceiling if lower (AS 3740 Clause 3.13). Confirm wall membrane heights are specified.

WP_012 (HIGH, 10 pts)

Fix: A waterproofing compliance certificate (AS 3740) must be issued by the waterproofer before tiling commences. Include this as a mandatory hold point in the inspection plan.

GL_001 [GATE] (HIGH, 10 pts)

Fix: Upload or reference a glazing schedule specifying glass type, thickness, and safety rating for all windows and doors (AS 1288 Section 1.2).

GL_002 (HIGH, 10 pts)

Fix: All fully glazed doors must use Grade A safety glass (toughened or laminated to AS/NZS 2208). Confirm safety glass specification for all door glazing (AS 1288 Section 5.2).

GL_003 (HIGH, 10 pts)

Fix: Side panels adjacent to doorways must use Grade A safety glass (AS 1288 Section 5.3). Confirm safety glass is specified for all side panels.

6. Required Fixes

- **WP_006** (Ref: NCC 2022 H4D3 — AS 3740 §3.4)

Fix: Shower floor fall must be a minimum of 1:80 for unenclosed showers or 1:100 for enclosed showers (AS 3740 Clause 3.4). Confirm drainage gradient is specified on bathroom plans.

- **WP_007** (Ref: NCC 2022 H4D3 — AS 3740 §3.13)

Fix: Waterproofing membrane in shower areas must extend a minimum of 1800mm above the finished floor level on all shower walls, or to the ceiling if lower (AS 3740 Clause 3.13). Confirm wall membrane heights are specified.

- **WP_008** (Ref: NCC 2022 H4D3 — AS 3740 §3.9.1)

Fix: A water stop must be installed at wet area doorways to prevent moisture migration to adjacent areas (AS 3740 Clause 3.9.1.2). Confirm water stop detail is shown on plans.

- **WP_009** (Ref: NCC 2022 H4D3 — AS 3740 §3.11)

Fix: A floor waste connected to the drainage system is required in all wet areas with waterproofed floors (AS 3740 Clause 3.11). Confirm floor waste is shown on bathroom plans.

- **WP_012** (Ref: NCC 2022 H4D2 — AS 3740)

Fix: A waterproofing compliance certificate (AS 3740) must be issued by the waterproofer before tiling commences. Include this as a mandatory hold point in the inspection plan.

- **GL_001 [GATE]** (Ref: NCC 2022 H4D6 — AS 1288 §1.2)

Fix: Upload or reference a glazing schedule specifying glass type, thickness, and safety rating for all windows and doors (AS 1288 Section 1.2).

- **GL_002** (Ref: NCC 2022 H4D6 — AS 1288 §5.2)

Fix: All fully glazed doors must use Grade A safety glass (toughened or laminated to AS/NZS 2208). Confirm safety glass specification for all door glazing (AS 1288 Section 5.2).

- **GL_003** (Ref: NCC 2022 H4D6 — AS 1288 §5.3)

Fix: Side panels adjacent to doorways must use Grade A safety glass (AS 1288 Section 5.3). Confirm safety glass is specified for all side panels.

- **GL_005** (Ref: NCC 2022 H4D6 — AS 1288 §5.8)

Fix: All glazing in bathrooms, ensuites, and spa rooms must be Grade A safety glass (AS 1288 Section 5.8). Confirm safety glass is specified for wet area glazing.

7. DTS Minimums Check

Rule	Status	Actual	Required	Op	NCC Reference
EE2A_010	PASS	4.1	3.7	gte	NCC 2022 Part 13.2 — Tables 13.2.3f, 13.2.5i
EE2A_011	PASS	2.7	2.5	gte	NCC 2022 Part 13.2 — Tables 13.2.3f, 13.2.5i
EE2A_012	PASS	1.5	1.5	gte	NCC 2022 Part 13.2 — Tables 13.2.3f, 13.2.5i
EE2A_020	PASS	2	4.7	lte	NCC 2022 Part 13.2 — Tables 13.2.3f, 13.2.5i
EE2A_021	PASS	0.35	0.44	lte	NCC 2022 Part 13.2 — Tables 13.2.3f, 13.2.5i

8. Model vs Specs Consistency

Rule	Status	NatHERS	Specs	Details
EE2B_010	PASS	4.1	4.1	

EE2B_011	PASS	2.7	2.7
EE2B_012	PASS	1.5	1.5
EE2B_020	PASS	2	2
EE2B_021	PASS	0.35	0.35

9. Validation Coverage

Insulation DTS validated	Yes
Glazing DTS validated	Yes
Consistency validated	Yes

10. Evidence Checklist

NatHERS Certificate (PDF)	Uploaded
Specifications Document	Uploaded

Demo Scenario

This is a sample report generated from a demonstration project. All data is fictional and provided for illustrative purposes only.

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