ClauseLogic Compliance Report

NCC 2022 Class 1 Residential
Generated: 8 November 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	**263d6a98-e206-478f-8e1e-ece8741bdbf4**

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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