

Qualification details

Qualification number/Te nama o te tohu mātauranga	2738		
English title/Taitara Ingarihi	New Zealand Certificate in Carpentry (Level 4) with an optional strand in Metal Roof Cladding Installation		
Māori title/Taitara Māori			
Version number/Te putanga	2	Qualification type/Te momo tohu	Certificate
Level/Te kaupae	4	Credits/Ngā whiwhinga	320 - 350
NZSCED/Whakaraupapa	040311 Architecture and Building>Building>Carpentry and Joinery		
Qualification developer/Te kaihanganga tohu	Waihanga Ara Rau Construction and Infrastructure Workforce Development Council		
Review Date /Te rā arotake	January 2027		

Outcome statement/Te tauāki ā-hua

Strategic Purpose statement/ Te rautaki o te tohu
The qualification is designed to provide the building and construction industry with trained people who have achieved the practical skills and knowledge required to construct, repair and install building structures to the level required of a commercially competent carpenter. This qualification is for people working as carpenters, and for people intending to work as carpenters in the construction industry.

Graduate Profile/Ngā hua o te tohu
Graduates of this qualification will be able to: – Apply a broad practical working knowledge of the fundamentals required in the carpentry trade including tools and equipment, materials, building regulations and compliance requirements, drawings and specifications, building types, methods of construction, building science, building mathematics, and communication. – Plan and carry out all aspects of establishing and maintaining construction sites including preparatory demolition and set out for building. – Plan and carry out all aspects of the construction of; framed and solid foundations, sub-floors, flooring and retaining walls. – Plan and carry out all aspects of structural construction to form frames and structures of buildings. – Apply knowledge of roof cladding methodology and plan and carry out all aspects of construction of exterior wall cladding and joinery to achieve weather proofing requirements for buildings. – Plan and carry out all aspects of insulation, linings, finishing trim, joinery, hardware and sound control systems.

- Operate to industry standards, maintaining professional competence while contributing to safe, sustainable, and efficient work practices, positive team relationships, and the adoption of new technologies in the construction environment.

Graduates of the Metal Roof Cladding Installation optional strand will also be able to:

- Carry out all aspects of metal roof cladding installation to achieve weather proofing compliance requirements for buildings.

Education Pathway/ Ngā huarahi mātauranga

This qualification may build on the following qualifications:

New Zealand Certificate in Building, Construction, and Allied Trades Skills (Level 2) [Ref: 3844]

New Zealand Certificate in Building, Construction, and Allied Trades Skills (Level 3) [Ref: 3845]

New Zealand Certificate in Construction Trade Skills (Level 3) with strands in Allied Trades, Carpentry, and Joinery [Ref: 2834].

This qualification may lead to the following qualifications:

New Zealand Certificate in Construction Trades Supervision (Level 5) [Ref: 4237]

New Zealand Diploma in Construction Management (Level 6) with strands in Construction Management and Quantity Surveying [Ref: 2420]

Employment, Cultural, Community Pathway/ Ko ngā huarahi ā-mahi, ā-ahurea, ā-whānau, ā-hapū, ā-iwi, ā-hapori anō hoki

Graduates of this qualification will be qualified carpenters and may apply for the Carpentry class of the Licensed Building Practitioner (LBP) scheme to become a Licenced Building Practitioner.

Qualification Specifications/ Ngā tauwhāititanga o te tohu

Qualification Award/ Te whakawhiwhinga o te tohu	This qualification may be awarded by any education or training organisation with an approved programme.
Evidence requirements for assuring consistency/ Ngā taunaki hei whakaū i te tauritenga	Evidence requirements for the consistency process may include: • analysis of programme statistics such as completion data and graduate destination data • analysis of evidence from internal and/or external moderation processes • analysis of feedback from graduates and employers evaluating graduate abilities against outcomes.
Minimum standard of achievement and standards for grade endorsements/ Te pae o raro e tutuki ai, ngā paerewa hoki hei whakaatu i te taumata o te whakatutukinga	Achieved.

Other requirements for the qualification (including regulatory body or legislative requirements)/ Kō ētahi atu here o te tohu (tae atu hoki ki ngā here ā-hinonga whakamarumarū, ki ngā here ā-ture rānei)	None.
General conditions for programme/ Ngā tikanga whānui o te hōtaka	Assessment for GPO 2 can also include integrated assessment of the following skill standard during the course of the programme: • Skill Standard 40800 Plan and complete demolition work for renovations (level 4) (credits 5) Assessment for GPO 3 must also include integrated assessment of two of the following skill standards during the course of the programme: • Skill Standard 40809 Set out and prepare concrete floors (level 4) (credits 7) • Skill Standard 40810 Determine pre-cast concrete wall construction requirements (level 4) (credits 5) • Skill Standard 40811 Place and finish concrete for minor concrete works (level 4) (credits 5) • Skill Standard 40817 Install piles or poles for residential construction (level 4) (credits 6) Assessment for GPO 4 must also include integrated assessment of one from each of the two options of the following skill standards during the course of the programme: • Skill Standard 40795 Set out, construct and install timber frame walls (level 4) (credits 10) or • Skill Standard 40785 Set out and stand light steel wall frames (level 4) (credits 10) and, • Skill Standard 40794 Construct and install timber frame roof framing (level 4) (credits 11) or • Skill Standard 40786 Install light steel roof framing (level 4) (credits 10) Industry expects that programmes leading to this qualification are consistent with any guidance information including all aspects of the New Zealand Certificate in Carpentry (Level 4) Specifications available from qualifications@waihangaararau.nz Programmes leading to this qualification must reflect the current legislative frameworks relevant to building and construction including Acts of Parliament, regulations, rules, codes, standards, approved codes of practice and best/good-practice guidelines. Current standards can be accessed at: www.standards.govt.nz

	Current legislation and regulations can be accessed at: www.legislation.govt.nz Approved codes of practice and best/good-practice guidelines can be accessed at: www.worksafe.govt.nz Programme guidance is available at: Qualifications-Waihanga Ara Rau Providers are advised to refer to the Workforce Development Council Programme Endorsement considerations: • Programme content • Equity for learners • Programme engagement and consultation • Te ao Māori • Pacific languages and learners • Disabled people.
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Conditions relating to the Graduate Profile /Ngā tikanga e hāngai ana ki nga hua o te tohu

Qualification outcomes/ Ngā hua	Credits/Ngā whiwhinga	Conditions/Ngā tikanga
1. Apply a broad practical working knowledge of the fundamentals required in the carpentry trade including tools and equipment, materials, building regulations and compliance requirements, drawings and specifications, building types, methods of construction, building science, building mathematics, and communication.	70 credits	Skill Standard 40294 Interpret measurements in a construction environment (Level 2) (credits 2) Skill Standard 40310 Use and store hand and power tools for construction tasks (level 2) (credits 2) Skill Standard 40292 Protect the environment when undertaking construction work (level 3) (credits 3) Skill Standard 40295 Problem-solve using calculations in a construction environment (level 3) (credits 3) Skill Standard 40297 Interpret information from plans and documentation for construction tasks (level 3) (credits 3) Skill Standard 40301 Work with timber materials for construction tasks (level 3) (credits 5) Skill Standard 40302 Work with light steel for construction tasks (level 3) (credits 3) Skill Standard 40303 Describe suitability of concrete used in construction (level 3) (credits 3) Skill Standard 40304 Plan own tasks to fit within a construction work programme (level 3) (credits 3) Skill Standard 40311 Manage tool and equipment use in a construction environment (level 3) (credits 3) Skill Standard 40296 Implement compliance practices in a construction environment (level 4) (credits 6)

			Skill Standard 40298 Interpret and update project documentation to progress a construction work programme (level 4) (credits 5) Skill Standard 40305 Plan and progress activities for a construction work programme (level 4) (credits 10) Skill Standard 40306 Explain material science in a construction environment (level 4) (credits 5) Skill standard NEW L3 1 Explain factors that impact on construction businesses (level 3) (credits 3) Skill standard NEW L3 5 Use digital tools to access and communicate information in a construction environment (level 3) (credits 5) Skill standard NEW L4 1 Use digital technologies to enhance construction operations (level 4) (credits 4)
2.	Plan and carry out all aspects of establishing and maintaining construction sites including preparatory demolition and set out for buildings.	25	Skill standard 40783 Carry out carpentry demolition tasks (level 3) (credits 3) Skill standard 40803 Carry out site establishment tasks (level 3) (credits 4) Skill standard 40819 Carry out site set-out requirements (level 3) (credits 4) Skill standard 40802 Complete building site set-out (level 4) (credits 7) Skill standard NEW L4 2 Complete requirements for maintaining a work zone in a construction project (level 4) (credits 10) Elective skill standards in the general conditions for programmes above.
3.	Plan and carry out all aspects of the construction of framed and solid foundations, sub-floors, flooring and retaining walls.	50	Skill Standard 40781 Carry out minor concrete works placement (level 3) (credits 4) Skill Standard 40782 Evaluate compliance of constructed retaining walls (level 4) (credits 5) Skill Standard 40784 Carry out concrete floor pre-pour construction tasks for residential foundations and slabs (level 3) (credits 4) Skill Standard 40787 Carry out pile or pole construction tasks (level 3) (credits 6) Skill Standard 40812 Construct timber decks (level 4) (credits 6) Skill Standard 40813 Carry out sub-floor framing and flooring tasks (level 3) (credits 4) Skill Standard 40814 Install sub-floor timber framing and flooring (level 4) (credits 5) Skill Standard 40820 Construct timber stairs or ramps (level 4) (credits 4) Elective skill standards in the general conditions for programmes above.
4.	Plan and carry out all aspects of construction to form the	50	Skill Standard 40789 Carry out timber wall frame construction tasks (level 3) (credits 7)

	structural elements of buildings.		Skill Standard 40792 Form ceiling frame systems (level 4) (credits 7) Skill Standard 40793 Evaluate requirements for the installation of columns, posts, beams, and portal frames (level 4) (credits 5) Skill Standard 40805 Carry out roof framing tasks (level 3) (credits 8) Skill Standard 40808 Carry out ceiling frame construction tasks (level 3) (credits 4) Elective skill standards in the general conditions for programmes above.
5.	Apply knowledge of roof cladding methodology and plan and carry out all aspects of construction of exterior wall cladding and joinery to achieve weather proofing requirements for buildings.	50	Skill Standard 40307 Identify construction strategies to manage environmental impact on buildings (level 4) (credits 5) Skill Standard 40790 Install exterior door and window joinery units (level 4) (credits 8) Skill Standard 40791 Install exterior wall cladding and flashing systems (level 4) (credits 15) Skill Standard 40804 Carry out exterior wall cladding and flashing system tasks (level 3) (credits 11) Skill Standard 40806 Carry out exterior door and window joinery installation tasks (level 3) (credits 5) Skill Standard 40818 Identify requirements for roof cladding installation and compliance (level 3) (credits 5)
6.	Plan and carry out all aspects of insulation, linings, finishing trim, joinery, hardware and sound control systems.	40	Skill Standard 40788 Carry out insulation installation tasks (level 3) (credits 2) Skill Standard 40796 Install finishing trims for building interiors (level 4) (credits 5) Skill Standard 40797 Complete installation of thermal insulation (level 4) (credits 3) Skill Standard 40798 Prepare for and install interior joinery components (level 4) (credits 5) Skill Standard 40799 Complete wall and ceiling lining installation (level 4) (credits 9) Skill Standard 40807 Install building control systems (level 4) (credits 5) Skill Standard 40815 Carry out interior joinery installation tasks (level 3) (credits 5) Skill Standard 40816 Carry out internal lining installation tasks (level 3) (credits 5) Skill Standard 40821 Carry out internal finishing trim tasks (level 3) (credits 3)
7.	Operate to industry standards, maintaining professional competence while contributing to safe, sustainable, and efficient work practices, positive team	35	Skill Standard 40287 Contribute to a healthy and safe team in a construction environment (level 3) (credits 3) Skill standard 40288 Implement controls to manage hazardous substances in existing buildings and structures (level 3) (credits 4)

	relationships, and the adoption of new technologies in the construction environment.		Skill Standard 40290 Respond to the construction environment when interacting with others (level 3) (credits 2) Skill Standard 40291 Reduce material waste in a construction environment (level 2) (credits 3) Skill Standard 40293 Contribute to sustainable practices in a construction environment (level 4) (credits 5) Skill Standard 40299 Implement practices to maintain a healthy and safe construction environment (level 2) (credits 3) Skill Standard 40300 Maintain standards of work in a construction environment (level 3) (credits 5) Skill Standard 40309 Evaluate a new or emerging technology for a construction environment (level 4) (credits 5) Skill Standard 40308 Develop and maintain positive work relationships in a construction environment (level 4) (credits 4)
Metal Roof Cladding Installation optional strand			
8.	Carry out all aspects of metal roof cladding installation to achieve weather proofing compliance requirements for buildings.	30	Skill Standard 40210 Install profile metal roof cladding systems (level 4) (credits 30)

Transition information/ He kōrero whakawhiti

Replacement information/ He kōrero mō te whakakapi	This qualification replaced the National Certificate in Carpentry (Level 4) [Ref: 0016]. The last date for assessment of this qualification is December 2027, when it will be discontinued.
Additional transition information/ Kō ētahi atu kōrero mō te whakakapi	Version Information Version 2 of this qualification was published January 2022, following a scheduled review. Please refer to Qualifications and Assessment Standards Approvals for further information. The last date of assessment for programmes leading to the version 1 of this qualification is 31 December 2026. It is not intended that anyone be disadvantaged by this review. However, anyone who feels they have been disadvantaged can appeal to Waihangā Ara Rau Construction and Infrastructure Workforce Development Council at the contact details below. Email: qualifications@waihangaararau.nz Website: www.waihangaararau.nz Republication Information Version 2 of this qualification was republished in September 2022 to extend the last date of assessment

	for version 1 from 31 December 2023 to 31 December 2026. Please refer to September 2022 Qualifications and Assessment Standards Approvals for further information.
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Not yet approved by NZQA