

Field Planning and Construction

Registration of *Carpentry* skill standards and review of *Carpentry* unit standards

Subfield	Domain	ID
Construction Trades	Carpentry	13010, 13026, 13031, 13043, 13047, 20889, 20892, 20893, 24380, 24396, 24401, 30844, 30846-30850, 30860, 30862-30865, 30866-30868, 30870, 30897, 32442, 32445-32447, 32452, 32453, 32455, 32458, 32460, 32461, 32463, 32468, 32469, 32471, 32472, 32475, 32479, 32480, 32482, 32483, 32485, 32487, 32490-32492, 32494, 32495, 32499, 32500-32502, 32568, 32869, 32870

The Waihanga Ara Rau Construction and Infrastructure Workforce Development Council has completed the review of the unit standards listed above.

Date new versions published

August 2025

Planned review date

December 2030

Summary

Waihanga Ara Rau undertook a review of carpentry unit standards in 2024 and early 2025. This review aimed to ensure the standards reflect current industry practice, support learner progression, and align with the shift toward skill standard-based assessment.

Initial analysis included a review of skills and workplace learning practices, alongside consultation with employers, providers, and industry training representatives. Consultation activities included surveys, sector-specific hui, and Technical Advisory Group (TAG) workshops held between November 2024 and February 2025.

Draft skill standards were developed collaboratively with the TAG, comprising industry experts and educational providers. These drafts were made available online for wider consultation and feedback. Insights from the sector were incorporated into the final versions of the standards. Wider consultation feedback, with the support of the TAG, finalised the skill standards. As a result, the unit standards listed will be expired or replaced with skill standards.

The credit values for some of the new skill standards are lower than those of the unit standards they are replacing. This is because several Level 4 unit standards have been intentionally split into separate Level 3 and Level 4 skill standards. This approach supports a clearer and more manageable progression of skills, allowing learners to build foundational competencies at Level 3 before advancing to more complex tasks at Level 4. It also aligns better with the way learning is delivered in practice and provides a more scaffolded learning experience.

Some unit standards are being expired without direct replacements. These standards have not been used in the last five years, and the skills they cover are already addressed in other existing unit or skill standards. As such, their expiry will have no impact on current training or assessment practices.

All providers with consent to assess the unit standards included in this review have been informed of the outcome and expiry of the unit standards in this application.

Main changes

- 20 new skill standards developed to describe competencies valued across the construction environment were listed in the *Carpentry* domain.
- 27 unit standards were replaced by 21 new skill standards with some changes in credit value to better reflect the expected learning and assessment hours for the skills described.
- 34 unit standards were designated expiring without replacement.
- The consent and moderation requirements (CMR) have changed between the replaced unit standards and the new skill standards. The CMR for the skill standards is 0120.

Category C and D unit standards will expire at the end of December 2028

Impact on existing organisations with consent to assess

Current consent for			Consent extended to		
Nature of consent	Classification or ID	Level	Nature of consent	Classification or ID	Level
Standard	13010	3	Standard	40781	3
Standard	13031	3	Standard	40783	3
Standard	13047	3	Standard	40781	3
Standard	20889	4	Standard	40785	4
Standard	20892, 20893	4	Standard	40786	4
Standard	24396	3	Standard	40787	3
Standard	24401	3	Standard	40788	3
Standard	32468	3	Standard	40789	3
Standard	30844	4	Standard	40790	4
Standard	30846	4	Standard	40791	4
Standard	30847	4	Standard	40792	4
Standard	30848	4	Standard	40793	4
Standard	30860	4	Standard	40796	4
Standard	30862	4	Standard	40797	4
Standard	30864	4	Standard	40799	4
Standard	30866	4	Standard	40800	4
Standard	30867	4	Standard	40801	4
Standard	30868	4	Standard	40802	4
Standard	32445	3	Standard	40803	3
Standard	32452	3	Standard	40804	3
Standard	32483	3	Standard	40805	3

Detailed list of unit standards – classification, title, level, and credits

All changes are in **bold**.

Key to review category	
A	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
B	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
C	Major changes that necessitate the registration of a replacement standard with a new ID
D	Standard will expire and not be replaced

ID	Title	Level	Credit	Review Category
13010	Demonstrate knowledge of placing concrete	3	3	C
13047	Place, finish, and cure concrete for footings and foundation walls under supervision	3	4	C
40781	Carry out minor concrete works placement	3	4	
13026	Demonstrate knowledge of constructing retaining walls	3	2	D
13031	Demonstrate knowledge of demolition work	3	1	C
40783	Carry out carpentry demolition tasks for renovations	3	3	
13043	Excavate and fill a site for footings and slab construction under supervision	3	6	D
20889	Set out and erect steel wall framing on site	4	12	C
40785	Set out and stand light steel wall frames	4	10	
20892	Set out and erect steel frame roofs on site	4	12	C
20893	Erect steel frame roof trusses on site	4	8	C
40786	Install light steel roof framing	4	10	
24380	Demonstrate knowledge of constructing pile foundations	3	4	C
24396	Construct pile foundations under supervision	3	13	C
40787	Carry out pile or pole construction tasks	3	6	
24401	Install wall and ceiling insulation under supervision	3	1	C
32568	Demonstrate knowledge of insulation products	3	4	C
40788	Carry out insulation installation tasks	3	2	
30844	Install and flash exterior joinery	4	17	C
40790	Install exterior door and window joinery units	4	8	
30846	Install and flash wall claddings	4	24	C
40791	Install exterior wall cladding and flashing systems	4	15	
30847	Install ceiling framing	4	10	C
40792	Form ceiling frame systems	4	7	
30848	Demonstrate understanding of columns, posts, beams and portals	4	7	C
40793	Determine requirements for the installation of columns, posts, beams, and portal frames	4	5	
30849	Construct and erect roof framing	4	32	D
30850	Construct and erect wall frames	4	26	D
30860	Install finishing trim	4	9	C
40796	Install finishing trims for building interiors	4	5	
30862	Install thermal insulation	4	3	C
40797	Complete thermal insulation work	4	3	
30863	Install interior joinery	4	7	D
30864	Install wall and ceiling linings	4	12	C
40799	Complete wall and ceiling lining installation	4	9	
30865	Install sound control systems for noise reduction and soundproofing	4	5	D
30866	Plan and undertake demolition work	4	5	C
40800	Plan and complete demolition work for renovations	4	5	
30867	Establish, maintain and disestablish a construction site	4	9	C
40801	Set up, maintain and disestablish a residential construction site	4	6	
30868	Set out buildings, construct profiles and establish set-out points	4	16	C
40802	Complete building site set-out	4	7	
30870	Construct concrete foundations and slabs	4	19	D
30897	Erect prefabricated wall frames	3	32	D

ID	Title	Level	Credit	Review Category
32442	Install interior joinery under supervision	3	4	D
32445	Demonstrate knowledge of establishing a construction site	3	7	C
40803	Carry out site establishment tasks	3	4	
32446	Demonstrate knowledge of installing interior joinery	3	2	D
32447	Demonstrate knowledge of excavating and filling for footings and slab construction	3	2	D
32452	Demonstrate knowledge of exterior cladding and weather proofing buildings	3	6	C
32499	Install weather proofing and exterior cladding under supervision	3	13	C
40804	Carry out exterior wall cladding and flashing system tasks	3	11	
32453	Demonstrate knowledge of installing roof cladding	3	2	D
32455	Demonstrate knowledge of pole frame and pole platform construction	3	1	D
32458	Demonstrate knowledge of commercial falsework and formwork	3	3	D
32460	Demonstrate knowledge of alternative construction materials and methods	3	1	D
32461	Demonstrate knowledge of wall framing and prefabricated beams	3	5	D
32463	Set out and establish a construction site under supervision	3	12	D
32468	Construct and erect wall frames under supervision	3	14	C
40789	Carry out timber wall frame construction tasks	3	7	
32469	Construct timber frames for alternative roof designs under supervision	3	4	D
32471	Cut and fix metal roof cladding under supervision	3	3	D
32472	Cut, fit, and fix interior linings and trim under supervision	3	9	D
32475	Construct pole framing to form the foundation for a residential dwelling under supervision	3	10	D
32479	Construct and strike commercial falsework and formwork under supervision	3	13	D
32480	Erect and fix prefabricated beams under supervision	3	3	D
32482	Install proprietary suspended concrete floor systems under supervision	3	9	D
32483	Erect truss roofs under supervision	3	6	C
40805	Carry out roof framing tasks	3	8	
32485	Demonstrate knowledge of installing proprietary suspended concrete floor systems	3	2	D
32487	Construct substrates for structural steel framework roofs under supervision	3	6	D
32490	Demonstrate knowledge of roof truss construction	3	4	D
32491	Demonstrate knowledge of alternative roof structures	3	2	D
32492	Demonstrate knowledge of installing exterior joinery	3	2	C
32500	Install exterior joinery under supervision	3	3	
40806	Carry out exterior door and window joinery installation tasks	3	5	C
32494	Demonstrate knowledge of installing interior linings and trim	3	3	D
32495	Demonstrate knowledge of constructing timber stairs	3	2	D
32501	Construct timber stairs under supervision	3	4	D

ID	Title	Level	Credit	Review Category
32502	Install sound control systems in buildings under supervision	3	2	D
32869	Analyse and evaluate material properties to produce material specifications for pre-nailed timber structures	5	5	D
32870	Demonstrate knowledge of construction requirements to provide detailing for lightweight timber-framed buildings	5	15	D
40782	Evaluate compliance of constructed retaining walls	4	5	NEW
40784	Carry out concrete floor pre-pour construction tasks for residential foundations and slabs	3	4	NEW
40794	Construct and install timber frame roof framing	4	11	NEW
40795	Set out, construct and install timber frame walls	4	10	NEW
40798	Prepare for and install interior joinery components	4	5	NEW
40807	Install building control systems	4	5	NEW
40808	Carry out ceiling frame construction tasks	3	4	NEW
40809	Set out and prepare concrete floors	4	7	NEW
40810	Determine pre-cast concrete wall construction requirements	4	5	NEW
40811	Place and finish concrete for minor concrete works	4	5	NEW
40812	Construct a timber deck	4	6	NEW
40813	Carry out sub-floor framing and flooring tasks	3	4	NEW
40814	Construct sub-floor timber framing and flooring	4	5	NEW
40815	Carry out interior joinery installation tasks	3	5	NEW
40816	Carry out internal lining installation tasks	3	5	NEW
40817	Install piles or poles for residential construction	4	6	NEW
40818	Identify requirements for roof cladding installation and compliance	3	5	NEW
40819	Carry out site set out requirements	3	4	NEW
40820	Construct timber stairs or ramps	4	4	NEW
40821	Carry out internal finishing trim tasks	3	3	NEW