

## Field      Planning and Construction

### Registration of *Core Construction* skill standards and review of *Carpentry* unit standards

Subfield	Domain	ID
Construction Trades	Carpentry	22145, 24378, 27188, 30852-30859, 30869, 32462

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

**Date new versions published**

**November 2024**

**Planned review date**

**December 2029**

#### Summary

Waihangā Ara Rau analysed existing construction unit standard and module-based programmes including carpentry, roofing, painting and decorating, as well as conducted a survey targeted at construction industry representatives at the end of 2023. This analysis was to identify common competencies that are valued across the construction environment.

Initial consultation through an online survey was to confirm industry support for the development of a set of core construction skill standards. There was strong support for the development of a set of skill standards that reflect critical common skills that are valued across construction.

Further consultation, through a webinar and series of focussed hui in April-May 2024 provided the details needed to help shape the draft Core Construction skill standards. The standards were drafted at the project's Technical Advisory Group (TAG) kanohi-ki-te-kanohi (in person) hui in June 2024. The TAG was made up of representatives from across construction industries and from education providers. The draft skill standards were made available on our webpage for wider feedback.

Wider consultation feedback, with the support of the TAG, finalised the skill standards. As a result, the unit standards listed will be replaced and/or expired with skill standards.

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

- 26 new skill standards developed to describe common competencies valued across the construction environment were listed in the *Core Construction* domain.
- Nine unit standards were replaced by 18 new skill standards with some changes in level and credit value to better reflect the expected learning hours for the skills described.
- Four unit standards were designated expiring without replacement.

**Category C and D standards will expire at the end of December 2027**

## 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
Domain	Carpentry	2	Standards	40286, 40289, 40291, 40294, 40299, 40310	2
Domain	Carpentry	3	Standards	40286-40292, 40294, 40295, 40297, 40299-40304, 40310, 40311	2-3
Domain	Carpentry	4-5	Standards	40286-40311	2-4
Standard	22145	3	Standard	40286	2
Standard	32462	3	Standards	40310 40311	2 3
Standard	24378	3	Standards	40294 40295	2 3
Standard	30852	4	Standard	40296	4
Standard	30853	4	Standards	40297 40298	3 4
Standard	30854	4	Standards	40299 40300	2 3
Standard	30855	4	Standards	40301 40302 40303	3 3 3
Standard	30857	4	Standards	40304 40305	3 4
Standard	30858	4	Standards	40306 40307	4 4
Standard	30869	4	Standards	40308 40309	4 4

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

All changes are in **bold**.

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

## Planning and Construction > Construction Trades > Carpentry

ID	Title	Level	Credit	Review Category
22145	Store and prepare materials for use on construction sites	3	2	D
27188	Prepare order lists for a medium building	4	5	D
30856	Use mathematics for construction	4	4	D
30859	Use tools and equipment for carpentry work	4	6	D

Planning and Construction > Construction Trades

ID	Domain	Title	Level	Credit	Review Category
24378 40294 40295	Carpentry Core Construction Core Construction	Make calculations for carpentry <b>Interpret measurements in a construction environment</b> <b>Problem-solve using calculations in a construction environment</b>	3 2 3	4 2 3	C
30852 40296	Carpentry Core Construction	Demonstrate understanding of licensing requirements, and comply with codes and consent processes, for construction work <b>Implement compliance practices in a construction environment</b>	4 4	4 6	C
30853 40297 40298	Carpentry Core Construction Core Construction	Read and interpret working drawings and specifications and apply them to undertake construction projects <b>Interpret information from plans and documentation for construction tasks</b> <b>Interpret and update project documentation to progress a construction work programme</b>	4 3 4	7 3 5	C
30854 40299 40300	Carpentry Core Construction Core Construction	Apply legislative frameworks to construction operations <b>Implement practices to maintain a healthy and safe construction environment</b> <b>Maintain standards of work in a construction environment</b>	4 2 3	7 3 5	C
30855 40301 40302 40303	Carpentry Core Construction Core Construction Core Construction	Demonstrate understanding of materials used for carpentry work <b>Work with timber materials for construction tasks</b> <b>Work with light steel for construction tasks</b> <b>Describe suitability of concrete used in construction</b>	4 3 3 3	7 5 3 3	C
30857 40304 40305	Carpentry Core Construction Core Construction	Plan and communicate for construction processes <b>Plan own tasks to fit within a construction work programme</b> <b>Plan and progress activities for a construction work programme</b>	4 3 4	4 3 10	C
30858 40306 40307	Carpentry Core Construction Core Construction	Demonstrate understanding of building and construction science <b>Explain material science in a construction environment</b> <b>Identify construction strategies to manage environmental impact on buildings</b>	4 4 4	7 5 5	C

ID	Domain	Title	Level	Credit	Review Category
30869	Carpentry	Maintain the professional standards of the construction industry as a carpentry trade professional	4	20	C
40308	Core Construction	Develop and maintain positive work relationships in a construction environment	4	4	
40309	Core Construction	Evaluate a new or emerging technology for a construction environment	4	4	
32462	Carpentry	Use carpentry tools under supervision	3	12	C
40310	Core Construction	Use and store hand and power tools for construction tasks	2	2	
40311	Core Construction	Manage tool and equipment use in a construction environment	3	3	

Planning and Construction > Construction Trades > Core Construction

ID	Title	Level	Credit	Review Category
40286	Select and use common materials for construction tasks	2	8	New
40287	Contribute to a healthy and safe team in a construction environment	3	3	New
40288	Implement controls to manage hazardous substances in existing buildings and structures	3	4	New
40289	Use and respond to trade language to progress construction tasks	2	2	New
40290	Respond to the construction environment when interacting with others	3	2	New
40291	Reduce material waste in a construction environment	2	3	New
40292	Protect the environment when undertaking construction work	3	3	New
40293	Contribute to sustainable practices in a construction environment	4	5	New