

Field Planning and Construction

Review of *Construction Trades* unit standards

Subfield	Domain	ID
Construction Trades	Construction Management	9633, 9635, 9636, 9637, 9639, 9640, 9662, 14599, 20744, 20745, 27153, 27154
	Core Construction	31655

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

Date new versions published

May 2022

Planned review date

December 2027

Summary

13 Construction Management standards were reviewed in response to the review in 2020 of the New Zealand Certificate in Construction Related Trades Supervisor (Level 4) [Ref: 2381] and the New Zealand Certificate in Construction Related Trades (Main Contract Supervision) (Level 5) [Ref: 2382].

An 8-month consultation was undertaken and involved the following organisations and businesses:

Construction Related Organisations

- Registered Master Builders
- Certified Builders Association
- The Skills Organisation
- Connexis – Infrastructure Industry Training Organisation

Tertiary Education Organisations (TEOs)

- Ara Institute of Canterbury
- Manukau Institute of Technology
- Toi Ohomai Institute of Technology
- Wellington Institute of Technology

Construction Related Businesses

Thirty-two industry representatives from a range of small to large construction related businesses participated in one-to-one interviews to provide feedback on the skills and competencies required of operationally focussed supervisors for the sectors below:

- Residential Building – group homes and owner operators
- Commercial Construction – light commercial, industrial and large scale construction
- Construction Related Trades – Foundations Construction, Glazing, Stonemasonry, Brick and Block Laying, Concrete Placing and Finishing, Interior Systems, Tiling, Painting and Decorating, Exterior Plastering, Flooring Installation
- Construction Related Manufacturing – Joinery, Precast Concrete, Architectural Aluminium Joinery, Concrete Production, Concrete Product Manufacturing, Window Joinery and Glass Manufacturing, Frame and Truss Manufacturing
- Through the Skills Organisation – Plumbing, Drain-laying, Gasfitters, Scaffolding and Roofing trade representatives were notified of this review and invited to participate in consultation.

The reviewed qualifications were replaced by the New Zealand Certificate in Construction Trades (Supervision) Level 5 with strands in Residential Building, Commercial Construction, Construction Related Trades and Construction Related Manufacturing [Ref: 4237].

Main changes

- Eight new unit standards have been developed to align with the replacement qualification requirements.
- Unit standard 31655 in the Core Construction domain has been reviewed and increased in level from 4 to 5 while the credits decreased from 6 to 5 to better align to the NZQF level descriptors and the actual time required for assessment.
- 10 unit standards in the Construction Management domain will expire on 31 December 2024 as they are no longer required.
- Unit standards 9635 and 20745 were replaced by unit standards 33046 and 33041 respectively.

Category C and D unit standards will expire at the end of December 2024

The last date for assessment of superseded versions of Category B unit standards is December 2024

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	Core Construction	4	Standard	31655	5
Standard	9635	5	Standard	33046	5
	20745	5		33041	5

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

All changes are in **bold**.

Review

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

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ID	Title	Level	Credit	Review Category
9633	Develop construction methodology for a medium building	6	15	D
9635	Produce a site specific quality assurance plan for implementation on a construction project	5	5	C
33046	Lead quality assurance for a construction work programme	5	5	NEW
9636	Develop construction planning for a medium building	6	15	D
9637	Programme construction works for a medium building	6	15	D
9639	Demonstrate knowledge of construction site procedures for a medium building	6	5	D
9640	Demonstrate knowledge of principles and processes of construction site management for medium buildings	6	10	D
9662	Prepare an outline construction programme for a project	5	6	D

ID	Title	Level	Credit	Review Category
14599	Produce a site specific safety plan and strategy for its implementation for a medium building	4	5	D
20744	Demonstrate knowledge of administration processes and procedures for construction work	5	10	D
20745	Demonstrate knowledge and apply principles of supervision on a construction site operation	5	10	C
33041	Lead and support team performance for construction	5	15	NEW
27153	Demonstrate the process of contract selection and tendering for a medium building	6	15	D
27154	Complete survey requirements for the setout of medium buildings	5	5	D
33042	Provide on-site technical supervision for a residential or commercial construction work programme	5	10	NEW
33043	Plan, monitor, and evaluate a construction work programme	5	10	NEW
33045	Lead sustainable practice for construction	5	10	NEW
33047	Lead compliance activities for a construction work programme	5	10	NEW
33048	Promote and support physical and mental wellbeing of a construction team	5	5	NEW
33049	Provide technical supervision for a construction-related trade or manufacturing work programme	5	10	NEW

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ID	Title	Level	Credit	Review category
31655	Recognise and manage interpersonal conflict in a construction related context	4 5	6 5	B