

Field Planning and Construction

Registration of skill standards and review of unit standards for *Building, Construction, and Allied Trades Skills* (BCATS)

Subfield	Domain	ID
Construction Trades	Building Construction and Allied Trades Skills	12927, 12932, 12933, 12935, 12936, 12938, 12939, 22607, 24350-24358, 24360, 24361, 25919-25921, 29677-29684, 31511, 31512, 31812, 31813, 31860

Waihangā Ara Rau Construction and Infrastructure Workforce Development Council has completed the review of the unit standards listed above and development of new skill standards to be listed in the *Building, Construction, and Allied Trades Skills* domain.

Date new versions published

May 2025

Planned review date

December 2030

Summary

The review of the unit standards was conducted in conjunction with the New Zealand Certificates in Building, Construction, and Allied Trades Skills (Level 1, 2 and 3) [Refs: 3843-3845].

Waihangā Ara Rau consulted with tangata whai mana (interested parties) from across Aotearoa New Zealand in June–October 2023 via in-person conversations, phone calls, online meetings, and email communications. This purpose of this consultation was for us to understand the issues with, and opportunities for, the BCATS qualifications and standards used by secondary schools and training.

Feedback from the consultation was considered by the project's Steering Group via face-to-face and online meetings from October to December 2023. The development of the mandatory skill standards was completed by a Working Group for each level, and alignment with the qualifications was overseen by the project Steering Group. The Working Groups meet face-to-face in November and December 2023, and subsequently via online meetings and email. It was agreed in December 2023 to pursue the inclusion of merit and excellence grades for the mandatory skill standards. A specialist Technical Advisory Group developed the achieved, merit and excellence grade criteria.

The draft skill standards were distributed for wider industry consultation in October–November 2024 with key stakeholders, including providers and industry representatives, and included an online survey. All feedback was considered and actioned where appropriate by the Project's Steering Group.

Main Changes

- 37 new skill standards were developed to meet industry requirements of supporting learner pathways into Building Construction and Allied Trades Skills trades.
 - 33 skill standards are replacing 33 Category C unit standards
 - 4 skill standards are new
- 2 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 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
Standards	24352, 24355, 24356, 25919, 25920, 31512, 31813	1	Domain	Building Construction and Allied Trades Skills	1
Standards	12927, 12932, 12933, 12935, 12936, 12938, 12939, 24350, 24351, 24353, 24354, 24357, 24358, 24360, 24361, 25921, 31511, 31812, 31860	2	Domain	Building Construction and Allied Trades Skills	2
Standards	29677, 29678, 29680-29684	3	Domain	Building Construction and Allied Trades Skills	3

Detailed list of 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

Planning and Construction > Construction Trades > Building Construction and Allied Trades Skills

ID	Title	Level	Credit	Review Category
12927	Demonstrate knowledge of, select, maintain, and use hand tools for BCATS projects	2	6	C
40542	Use hand tools for a BCATS project or related tasks	1	5	
12932	Construct timber garden furniture as BCATS projects	2	8	C
40560	Construct timber furniture as a BCATS project		6	
12933	Complete minor concrete works as a BCATS project	2	6	C
40561	Complete concrete work as a BCATS project		4	
12935	Construct a spaced residential timber deck up to one metre high as a BCATS project	2	8	C
40562	Construct a timber deck as a BCATS project		6	
12936	Construct a non-consent timber framed utility building as a BCATS project	2	8	C
40563	Construct a utility building as a BCATS project		6	
12938	Lay paving blocks as a BCATS project	2	4	C
40564	Lay pavers as a BCATS project			
12939	Construct a basic retaining wall as a BCATS project	2	4	C
40565	Construct a retaining wall as a BCATS project			
22607	Read and interpret plans, working drawings and specifications for BCATS projects	2	3	D
24350	Identify, select, use and maintain portable power tools for BCATS projects	2	6	C
40553	Use power tools for a BCATS project		5	

ID	Title	Level	Credit	Review Category
24351 40554	Demonstrate knowledge of and use fixed machinery in the construction of BCATS projects Use fixed machinery for a BCATS project	2	6 5	C
24352 40540	Demonstrate and apply knowledge of safe working practices and use PPE during the construction of a BCATS project Use safety practices for a BCATS project or related tasks	1	2 4	C
24353 40556	Demonstrate knowledge of and create sketches and drawings for BCATS projects Create sketches and drawings for a BCATS project	2	6 5	C
24354 40551	Demonstrate knowledge of health and safety legislation and apply safe working practices in a BCATS environment Apply controls to maintain a safe BCATS environment	2	4	C
24355 40541	Demonstrate knowledge of construction and manufacturing materials used in BCATS projects Use materials for a basic BCATS project or related tasks	1	4 5	C
24356 40544	Apply elementary procedures and processes for a BCATS project Carry out construction processes for a BCATS project or related tasks	1	8	C
24357 40557	Receive instructions and communicate information in relation to BCATS projects Interpret and use trade information to progress a BCATS project	2	4	C
24358 40558	Plan and monitor the construction of a BCATS project, and quality check the product Plan and monitor the completion of a BCATS project	2	3 6	C
24360 40552	Demonstrate knowledge of timber and other construction materials used in BCATS projects Use materials for a BCATS project	2	5	C
24361 40555	Apply mathematical processes to BCATS projects Measure and calculate to solve problems for a BCATS project	2	3	C
25919 40545	Use hardware and fastenings for a BCATS project Use hardware and fastenings for a BCATS project or related tasks	1	2	C
25920 40546	Use joints for a BCATS project Create joints for a BCATS project or related tasks	1	3 4	C
25921 40566	Make a cupboard with a drawer as a BCATS project Construct a cupboard with a drawer as a BCATS project	2	6	C
29677 40569	Follow safe workplace practices, and contribute to a health and safety culture, in a BCATS environment Contribute to a healthy and safe BCATS environment	3	2 5	C
29678 40570	Demonstrate knowledge of, select, and use materials for a Stage 3 BCATS project Select and use materials for a BCATS project	3	4 5	C

ID	Title	Level	Credit	Review Category
29679	Develop and use BCATS project documentation for a Stage 3 BCATS project	3	8	D
29680	Communicate and work collaboratively in a Stage 3 BCATS project	3	5	C
40573	Respond to the BCATS environment to work with others			
29681	Measure and calculate for a Stage 3 BCATS project	3	3	C
40572	Apply mathematical processes to a BCATS project		5	
29682	Select, use, and maintain tools, equipment and machinery for a Stage 3 BCATS project	3	4	C
40571	Manage the use of tools, equipment, and machinery for a BCATS project		5	
29683	Incorporate other building, construction and allied trades into a Stage 3 BCATS project schedule	3	2	C
40575	Incorporate other parties into a BCATS project schedule			
29684	Undertake a Stage 3 BCATS project	3	12	C
40576	Create and evaluate a BCATS project		8	
31511	Demonstrate knowledge of BCATS industries	2	4	C
40559	Identify employment opportunities in BCATS industries			
31512	Demonstrate knowledge of BCATS trades involved in the construction of a residential building	1	2	C
40549	Identify BCATS trades involved in the construction of a residential building		3	
31812	Complete a BCATS project	2	6	C
40568	Apply trade skills to complete a BCATS project			
31813	Complete basic concrete works as a BCATS project	1	4	C
40550	Carry out basic concrete placement as a BCATS project			
31860	Construct and perform routine maintenance on a basic residential timber fence as a BCATS project	2	4	C
40567	Construct a timber fence as a BCATS project			
40543	Use basic power tools for a BCATS project or related tasks	1	5	NEW
40547	Apply basic measurement and calculations to a BCATS project or related tasks	1	3	NEW
40548	Use trade language to progress a BCATS project or related tasks	1	4	NEW
40574	Plan and monitor stages of a BCATS project	3	5	NEW