

Field Planning and Construction

Review of *Flooring* unit standards

Subfield	Domain	ID
Construction Trades	Flooring	9781, 10846, 10849, 10850, 16994, 16996-17013, 17015, 17018-17023, 20169, 21016-21025, 23272, 23273, 23275-23277, 26877-26882

The Building and Construction Industry Training Organisation (BCITO) has completed the review of the unit standards listed above.

Date new versions published

November 2021

Planned review date

December 2026

Summary

Following the Targeted Review of Qualifications, the National Certificate in Flooring (Level 4) with strands in Carpet Installation, Fine Sand and Finishes, Flooring Planning and Design, Resilient Flooring Installation, Substrate Preparation, Timber Overlay Installation, and Resin Flooring Application [Ref: 0756] was replaced by:

- New Zealand Certificate in Flooring Installation (Level 4) with strands in Bonded Carpet, Conventional Carpet, Commercial Resilient Flooring, and Residential Resilient Flooring [Ref: 4296]
- New Zealand Certificate in Timber and Composite Flooring (Level 4) with strands in Bonded Installation, and Fine Floor Sand and Finishes [Ref: 4300]
- New Zealand Certificate in Resin Flooring Application (Level 4) with strands in Trowel Applied Resin Mortar, and Flow Applied Resin Finishes [Ref: 4298]
- New Zealand Certificate in Floor Planning and Design (Level 4) with optional strands in Estimation, and Site Assessment [Ref: 4297].

The new unit standards were developed in consultation with the Flooring industry to determine the skills and knowledge required by graduates of the New Zealand Certificates and for use in programmes leading to these qualifications.

BCITO reviewed the specified standards and determined that they were not fit for purpose. The previous unit standards supported programmes leading to the different strands within one qualification, which has now been replaced by four qualifications with multiple strands. The knowledge and skills in the existing standards do not reflect the current specialisation of skills that are undertaken by the flooring sector. The grouping of skillsets in the expiring or replaced unit standards were not reflective of current workplace conditions, training and assessment practice.

Therefore, BCITO determined that the specified flooring standards be expired, and some of them to be replaced by new standards. The change is intended to:

- update skills to reflect current industry requirements and practice,
- better group together the skills and knowledge to reflect workplace conditions and the training environment,
- maintain the integrity of programmes leading to the commercial competence.
- clearly define commercial competence.

Main changes

- Previously all standards in the flooring domain have been registered in CMR 0175. The new standards will be registered in CMR 0048, while the expiring standards will remain in CMR 0175.
- Related outcomes were grouped together to better reflect workplace conditions, training and assessment practice.
- Skillsets were updated to reflect current industry practice and requirements.
- Guidance notes, references and performance level guidance were updated for currency.
- 40 standards were expired without replacement.
- 12 standards were replaced with new standards.
- 41 new standards were developed.

Category C and D unit standards will expire at the end of December 2023

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
Subfield	Construction Trades	3	Standards	32525, 32529, 32534, 32555	4

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

Planning and Construction > Construction Trades > Flooring

ID	Title	Level	Credit	Review Category
9781	Remove existing flooring surface material	3	8	D
10846	Repair soft coverings in the flooring industry	4	6	C
17004	Install carpet by conventional method	4	25	C
32527	Install carpet floor coverings by conventional method	4	45	New
10849	Repair timber flooring	4	6	D
10850	Repair resilient floor coverings	4	6	D
16994	Maintain and store flooring equipment	2	5	D
16996	Prepare concrete substrate for floorcoverings	3	12	D
16997	Install cork flooring products	3	15	D
16998	Install resilient sheet floorcoverings	4	35	D
16999	Install resilient coverings on walls	4	15	D
17000	Install resilient sheet for wet areas in the flooring industry	4	15	D
17001	Install resilient tiles in the flooring industry	3	15	D
17002	Prepare timber substrates for floorcoverings	3	12	D
17003	Maintain and store flooring handtools	2	5	D
17005	Install carpet by adhesive methods	3	8	D

ID	Title	Level	Credit	Review Category
17006	Install soft coverings on walls	3	6	D
17007	Fine sand and apply finishes to timber floors in the flooring industry	4	30	C
32538	Fine sand timber and composite floors in the flooring industry	4	50	New
32539	Apply finishes to timber and composite floors in the flooring industry	4	40	New
17008	Demonstrate knowledge of the characteristics of chemicals used in the flooring industry	4	14	D
17009	Produce a scale plan of flooring worksite in the flooring industry	3	8	C
17010	Quantify flooring products from supplied information	4	12	C
23273	Prepare quotations for flooring jobs	3	4	C
32555	Provide estimates for flooring operations	4	35	New
17011	Install laminated timber flooring overlays	4	20	C
17012	Install solid timber flooring overlays	4	35	C
32536	Install timber and composite flooring by bonded method	4	55	New
17013	Assess moisture content of substrates in the flooring industry	4	8	D
17015	Provide flooring installation complaints service in the flooring industry	4	15	D
17018	Provide advice on the care and maintenance of floorcoverings	3	3	D
17019	Examine and evaluate substrate in the flooring industry	4	12	D
17020	Demonstrate knowledge of cork flooring products	3	8	D
17021	Demonstrate knowledge of timber flooring products	3	8	C
32534	Safely handle, store and dispose of products and materials used in timber and composite flooring operations	4	10	New
17022	Demonstrate knowledge of soft flooring products	3	8	C
32525	Assess condition of products supplied for carpet floor installation	4	10	New
17023	Demonstrate knowledge of resilient flooring products	3	8	C
32529	Assess condition of products supplied for resilient floor covering installation	4	10	New
20169	Write a flooring inspection and/or evaluation report	4	15	D
21016	Demonstrate knowledge of scale plans for flooring worksites	2	4	D
21017	Demonstrate knowledge of evaluating substrate in the flooring industry	2	6	D
21018	Identify maintenance and storage requirements of flooring equipment and hand tools	2	2	D
21019	Conduct initial preparation of substrates for floorcoverings	3	12	D
21020	Set up for installing carpet and resilient floor-coverings	3	25	D
21021	Carry out flooring industry personal workplace requirements	2	5	D
21022	Identify hazard requirements in the flooring industry	3	8	D
21023	Prepare installation site for floorcoverings	2	5	D
21024	Use job sheets in the flooring industry	2	2	D
21025	Demonstrate knowledge of product storage in the flooring industry	2	4	D

ID	Title	Level	Credit	Review Category
23272	Demonstrate knowledge of the legislation and regulatory standards used in the flooring industry	2	3	D
23275	Identify flooring design trends	3	3	D
23276	Demonstrate knowledge of the composition of timber and concrete substrates in the flooring industry	2	2	D
23277	Demonstrate knowledge of installation methods in the flooring industry	2	4	D
26877	Fine grind and apply resin floor coatings	4	20	D
26878	Apply resin to floors	4	45	C
32546	Flow apply resin finishes in the flooring industry	4	45	New
26879	Demonstrate knowledge of resin flooring products	3	10	D
26880	Demonstrate knowledge of special resin flooring applications	3	10	D
26881	Demonstrate knowledge of providing advice on the care and maintenance of resin floor systems	2	3	D
26882	Demonstrate knowledge of preparing timber, composite, and metal substrates in the flooring industry	2	8	D
32519	Apply legislative frameworks in flooring trades operations	4	5	New
32520	Use tools and equipment for flooring trades	4	6	New
32521	Plan and communicate a programme of work for flooring trades operations	4	4	New
32522	Make measurements and calculations for flooring trades operations	4	5	New
32523	Utilise drawings, specifications and job documentation to complete flooring trades operations	4	5	New
32524	Maintain professional standards and demonstrate leadership as a flooring trades professional	4	15	New
32526	Examine, evaluate and prepare substrate for carpet floor covering installation	4	10	New
32528	Install carpet floor coverings by bonded method	4	40	New
32530	Examine, evaluate and prepare substrate for resilient floor covering installation	4	15	New
32531	Install resilient floor coverings for commercial environments	4	50	New
32532	Install resilient floor coverings for residential environments	4	50	New
32535	Examine, evaluate and prepare substrate for timber and composite flooring installation	4	20	New
32537	Complete post-installation operations and minor repairs for timber and composite flooring	4	15	New
32540	Safely handle, store and dispose of products used in resin flooring application	4	5	New
32541	Examine, evaluate and prepare substrate for the application of resin flooring systems	4	15	New
32542	Complete special resin flooring system application	4	5	New
32543	Complete post-application requirements for resin flooring systems	4	5	New
32545	Trowel apply resin mortar in the flooring industry	4	75	New
32547	Apply legislative frameworks to flooring planning and design operations	4	6	New

ID	Title	Level	Credit	Review Category
32548	Demonstrate knowledge of measurements and calculations used for flooring planning and design operations	4	4	New
32549	Demonstrate knowledge of flooring products and installation methods in the flooring industry	4	20	New
32550	Interpret job documentation and working plans used for flooring planning and design operations	4	5	New
32551	Evaluate project information to provide design solutions for flooring operations	4	20	New
32552	Plan and coordinate activities for flooring operations	4	15	New
32554	Perform site assessments and communicate outcomes prior to flooring installation	4	35	New
32556	Demonstrate knowledge of flooring surface preparation principles	4	4	New
32558	Apply moisture treatment systems to flooring surfaces	4	20	New
32559	Apply cementitious underlayment systems to flooring surfaces	4	45	New
32560	Fit board underlayment prior to floor covering installation	4	10	New
32561	Mechanically prepare flooring surfaces	4	30	New
32562	Apply topical coatings to flooring surfaces	4	10	New
32563	Perform concrete polishing on flooring surfaces	4	50	New