

Field Planning and Construction

Registration of skill standards and review of unit standards for *Flooring*

| Subfield | Domain | ID |
|---------------------|----------|---|
| Construction Trades | Flooring | 32525-32532, 32534-32539, 32547-32552, 32554-32556, 32558-32563 |

Waihanga 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 *Flooring* domain.

Date new versions published

November 2024

Planned review date

December 2029

Summary

The review of unit standards was conducted in conjunction with the review of:

- 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 Flooring Planning and Design (Level 4) with optional strands in Estimation, and Site Assessment [Ref: 4297]
- New Zealand Certificate in Flooring Surface Preparation (Level 4) with strands in Concrete Polishing, Mechanical Preparation, Moisture Treatment, and Underlayment Systems (with optional strand in Topical Coatings) [Ref: 4299]
- New Zealand Certificate in Timber and Composite Flooring (Level 4) with strands in Bonded Installation, and Fine Floor Sand and Finishes [Ref: 4300].

The proposed review and development were announced on the Waihanga Ara Rau's website in November 2022 and promoted via industry newsletters. A series of online meetings were held with flooring industry representatives and key providers between December 2022 and March 2024 to develop the suite of skill standards to meet current industry needs.

The unit standards in this application have been reviewed and eight were replaced with newly developed skill standards to update them in line with current industry practice, and to ensure they are fit for purpose. 21 unit standards are expired without replacement. The new skill standards align with version 2 of the flooring qualifications listed above.

Some skill standards were developed to accommodate industries requirement for future level 2 and level 3 micro-credentials. This will enable labourers and people early in their career to obtain credentials, while still contributing to a qualification.

Main changes

- 41 new skill standards were developed to align with the above qualifications.
 - 33 new skill standards.
 - 8 skill standards are replacing 8 Category C unit standards.
- Skill standards 40258 and 40261 were reduced from Level 4 to Level 3 based on industry recommendations for the skills required in these standards.
- 21 unit standards were set to expire without replacement because there is no direct one-to-one relationship with new skill standards.

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 | Levels |
| Subfield | Construction Trades | 2 | Standards | 40245-40250 | 2 |
| | | 3 | Standards | 40251-40261 | 3 |
| Domain | Flooring | 4 | Standards | 40262-40285 | 4 |

Detailed list of unit and skill 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 |
|-------|---|-------|--------|-----------------|
| 32525 | Assess condition of products supplied for carpet floor installation | 4 | 10 | D |
| 32526 | Examine, evaluate and prepare substrate for carpet floor covering installation | 4 | 10 | D |
| 32527 | Install carpet floor coverings by conventional method | 4 | 45 | D |
| 32528 | Install carpet floor coverings by bonded method | 4 | 40 | D |
| 32529 | Assess condition of products supplied for resilient floor covering installation | 4 | 10 | D |
| 32530 | Examine, evaluate and prepare substrate for resilient floor covering installation | 4 | 15 | D |
| 32531 | Install resilient floor coverings for commercial environments | 4 | 50 | D |
| 32532 | Install resilient floor coverings for residential environments | 4 | 50 | D |
| 32534 | Safely handle, store and dispose of products and materials used in timber and composite flooring operations | 4 | 10 | D |
| 32535 | Examine, evaluate and prepare substrate for timber and composite flooring installation | 4 | 20 | D |
| 32536 | Install timber and composite flooring by bonded method | 4 | 55 | D |
| 32537 | Complete post-installation operations and minor repairs for timber and composite flooring | 4 | 15 | D |
| 32538 | Fine sand timber and composite floors in the flooring industry | 4 | 50 | D |
| 32539 | Apply finishes to timber and composite floors in the flooring industry | 4 | 40 | D |
| 32547 | Apply legislative frameworks to flooring planning and design operations | 4 | 6 | D |
| 32548 | Demonstrate knowledge of measurements and calculations used for flooring planning and design operations | 4 | 4 | D |

| ID | Title | Level | Credit | Review Category |
|--------------|---|----------|-----------|-----------------|
| 32549 | Demonstrate knowledge of flooring products and installation methods in the flooring industry | 4 | 20 | C |
| 40261 | Select products for flooring trades operations and describe care, preparation, and installation requirements | 3 | 20 | |
| 32550 | Interpret job documentation and working plans used for flooring planning and design operations | 4 | 5 | D |
| 32551 | Evaluate project information to provide design solutions for flooring operations | 4 | 20 | C |
| 40282 | Prepare design solutions for flooring trades operations | 4 | 20 | |
| 32552 | Plan and coordinate activities for flooring operations | 4 | 15 | C |
| 40285 | Plan and implement flooring design solutions | 4 | 15 | |
| 32554 | Perform site assessments and communicate outcomes prior to flooring installation | 4 | 35 | D |
| 32555 | Provide estimates for flooring operations | 4 | 35 | D |
| 32556 | Demonstrate knowledge of flooring surface preparation principles | 4 | 4 | C |
| 40276 | Evaluate floor substrate for surface preparation operations | 4 | 5 | |
| 32558 | Apply moisture treatment systems to flooring surfaces | 4 | 20 | C |
| 40278 | Apply moisture control systems to flooring surfaces | 4 | 20 | |
| 32559 | Apply cementitious underlayment systems to flooring surfaces | 4 | 45 | C |
| 40279 | Apply cementitious underlayment systems to flooring substrates | 4 | 45 | |
| 32560 | Fit board underlayment prior to floor covering installation | 4 | 10 | C |
| 40258 | Prepare and install board underlayment to floor substrate | 3 | 10 | |
| 32561 | Mechanically prepare flooring surfaces | 4 | 30 | D |
| 32562 | Apply topical coatings to flooring surfaces | 4 | 10 | C |
| 40280 | Apply topical coatings to concrete floor surfaces | 4 | 10 | |
| 32563 | Perform concrete polishing on flooring surfaces | 4 | 50 | D |
| 40245 | Work safely as part of a flooring trades team | 2 | 5 | NEW |
| 40246 | Complete basic flooring substrate preparation | 2 | 5 | NEW |
| 40247 | Complete basic installation and edge finishing of flooring underlay | 2 | 5 | NEW |
| 40248 | Identify characteristics of products used for carpet flooring installation | 2 | 5 | NEW |
| 40249 | Identify characteristics of products used for resilient flooring installation | 2 | 5 | NEW |
| 40250 | Identify characteristics of timber and engineered timber used in bonded flooring installation | 2 | 5 | NEW |
| 40251 | Maintain standards of work in a flooring trade | 3 | 5 | NEW |
| 40252 | Install carpet to a flooring substrate | 3 | 15 | NEW |
| 40253 | Install resilient products to a flooring substrate | 3 | 20 | NEW |
| 40254 | Install non-complex timber or engineered timber flooring by bonded method | 3 | 20 | NEW |
| 40255 | Fine sand timber floors for polyurethane coatings | 3 | 20 | NEW |
| 40256 | Record site measurements and features for flooring installation operations | 3 | 15 | NEW |

| ID | Title | Level | Credit | Review Category |
|-----------|--|--------------|---------------|------------------------|
| 40257 | Prepare non-complex estimates for flooring trades operations | 3 | 15 | NEW |
| 40259 | Mechanically abrade concrete floor substrates | 3 | 10 | NEW |
| 40260 | Evaluate substrate surfaces for flooring operations | 3 | 5 | NEW |
| 40262 | Utilise working plans and job documentation to complete flooring trades operations | 4 | 5 | NEW |
| 40263 | Maintain professional standards in a flooring trade | 4 | 10 | NEW |
| 40264 | Prepare for and install carpet floor coverings by bonded method | 4 | 25 | NEW |
| 40265 | Prepare for and install carpet floor coverings by conventional method | 4 | 30 | NEW |
| 40266 | Prepare for and install resilient floor coverings for commercial environments | 4 | 35 | NEW |
| 40267 | Prepare for and install resilient floor coverings for residential environments | 4 | 35 | NEW |
| 40268 | Prepare substrate surfaces for carpet flooring installation | 4 | 10 | NEW |
| 40269 | Prepare substrate surfaces for resilient flooring installation | 4 | 10 | NEW |
| 40270 | Manage products and materials for timber and engineered timber flooring operations | 4 | 10 | NEW |
| 40271 | Install timber flooring or engineered timber flooring by bonded method | 4 | 50 | NEW |
| 40272 | Prepare substrate surfaces for timber and engineered timber flooring installation by bonded method | 4 | 10 | NEW |
| 40273 | Plan and coordinate flooring operations | 4 | 5 | NEW |
| 40274 | Prepare and apply finishes to timber flooring surfaces | 4 | 40 | NEW |
| 40275 | Prepare for and fine sand timber floor surfaces | 4 | 30 | NEW |
| 40277 | Polish concrete floor surfaces | 4 | 40 | NEW |
| 40281 | Mechanically prepare flooring surfaces and repair cracks or joints | 4 | 20 | NEW |
| 40283 | Prepare estimates for flooring trades operations | 4 | 20 | NEW |
| 40284 | Complete a site assessment and prepare working plans for flooring trades operations | 4 | 20 | NEW |