

Place & Finish 1

Carry out placing and finishing tasks of standard complexity for concrete structures

Kaupae Level	3
Whiwhinga Credit	10
Whāinga Purpose	This skill standard is intended for people working in or entering the construction trades. People credited with this skill standard have the skills to carry out concrete placing and finishing tasks of standard complexity for concrete structures under limited supervision. This skill standard aligns with the New Zealand Certificate in Concrete Construction Skills (Level 3) [Ref: XXXX] and may also contribute to other construction and infrastructure qualifications.

Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Complete preparatory tasks in readiness for concrete placement.	a. Formwork or moulds, reinforcement, and cast-ins are checked for readiness in line with plans and specifications and industry standards.
	b. Lines, levels, and dimensions of prepared area are confirmed against plans and specifications.
2. Use routine methods to place and compact concrete.	a. Concrete is placed to the levels and alignment specified in plans and specifications.
	b. Concrete is compacted using appropriate methods to achieve density specified in plans and specifications.
	c. Movement of concrete is carried out safely and without segregation during compaction.
3. Use routine methods to finish concrete surfaces.	a. Surfaces are finished in line with specified finish type and industry standards.
	b. Finishes around penetrations, edges and joints are completed as specified and in line with industry standards.
	c. Surface quality is checked to confirm alignment with industry standards, and any issues, if present, are identified.

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
4. Complete curing tasks for concrete structures.	a. Curing methods are applied to prevent moisture loss and promote strength gain.
	b. Protection measures are applied to maintain surface quality and prevent damage.

Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria

Assessment specifications:

To achieve this standard the candidate must be capable of carrying out placing and finishing tasks of standard complexity for concrete structures under limited supervision to industry standards.

Industry standards must reflect industry best practice, workplace procedures, and be within acceptable tolerances as defined in New Zealand codes, standards and regulations.

Plans and specifications can include working drawings, plan specifications, manufacturer specifications, installation instructions and demolition and project plans.

Under limited supervision refers to candidates carrying out the requirements of this skill standard with basic guidance and indirect supervision from a suitably skilled tradesperson. They are expected to source some information independently from plans, specifications, or relevant New Zealand Standards and apply these to routine or familiar projects.

Standard complexity refers to routine concrete placing and finishing tasks for straightforward concrete structures, for example, slabs, floors, pavements, panels, walls or precast elements, completed using familiar methods and equipment. Candidates are not expected to carry out remedial work, but must be able to identify and report any surface defects.

Evidence for this standard must be demonstrated:

- to current and relevant Legislation, Standards, and Codes (including safety),
- in an environmentally sustainable manner,
- with acceptable behaviours.

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content

Pre-pour checks

- Concrete supply requirements
- Accuracy and stability of formwork or moulds
- Reinforcement and cast-in items
- Lines, levels and dimensions
- Concrete covers and stability

Placing and compacting

- Moving and placing fresh concrete
- Specified levels and alignment
- Compaction (e.g., vibration, rodding, tamping)
- Preventing segregation

Finishing

- Methods (e.g., levelling, screeding, floating, trowelling, broom/textured finishes)
- Finishing around penetrations, edges and joints (where specified)
- Testing – slump tests, compressive strength test

Curing

- Methods (e.g., water curing, curing compounds, preventing moisture loss, accelerated curing)
- Protection measures

Rauemi | Resources

Programme Guidance information available from qualifications@waihangaararau.nz.

Pārongo Whakaū Kouna | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Waihanga Ara Rau Construction and Infrastructure Workforce Development Council
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Concrete > Concrete Construction
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0120

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	dd mm 2025	N/A
Kōrero whakakapinga Replacement information	This skill standard replaced unit standards 32672, 32673 and 32684.		
Rā arotake Planned review date	[dd mm yyyy]		

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@waihangaararau.nz to suggest changes to the content of this skill standard.