

41162**Carry out post-production processes of standard complexity for concrete products or precast concrete**

Kaupae Level	3
Whiwhinga Credit	5
Whāinga Purpose	<p>This skill standard is intended for people working in or entering the construction trades.</p> <p>People credited with this skill standard have the skills to carry out post-production processes of standard complexity for concrete products or precast concrete.</p> <p>This skill standard aligns with the New Zealand Certificate in Concrete Construction Skills (Level 3) [Ref: 4189] and may also contribute to other construction and infrastructure qualifications.</p>

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Release and inspect concrete products or precast concrete.	a. Concrete products or precast concrete are released safely in line with industry standards and manufacturer's instructions.
	b. Formwork or moulds are cleaned and serviced for reuse.
	c. Finished surfaces are inspected in line with plans and specifications and industry standards.
	d. Surface quality is checked to confirm alignment with industry standards, and any issues, if present, are reported.
2. Handle, store and record post-production processes for concrete products or precast concrete.	a. Lifting and movement processes are carried out to handle and store concrete products or precast concrete in line with industry standards.
	b. Measures are applied to prevent loading stress and damage to concrete products or precast concrete during lifting, handling and storage.
	c. Post-production activities and quality checks are recorded accurately in line with industry standards.

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 post-production processes of standard complexity for concrete products or precast concrete to industry standards under limited supervision.

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.

Evidence for this standard must be demonstrated:

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

Definitions:

Acceptable behaviours refer to professional behaviours expected in a construction environment. This includes working safely with others, communicating effectively, following workplace procedures, respecting people, tools, equipment, and materials, and responding appropriately to hazards and changing work conditions.

Standard complexity refers to routine post-production work carried out under set procedures and supervision. It includes releasing, cleaning, handling, storing, and recording concrete products or precast concrete using familiar equipment and methods.

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.

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content

Releasing from formwork or moulds

- Safe release methods.
- Cleaning and servicing formwork or moulds.

Surface inspection

- Common defects (e.g., honeycombing, blowholes, surface cracks, spalling).
- Causes of defects.
- Concrete testing results (e.g., slump, strength, or density tests).

Handling and storage

- Lifting systems and safe use of equipment (e.g., cranes, lifting anchors, chains, slings, forklifts).
- Methods to prevent stress and damage during lifting, handling, and storage.

Post-production recording

- Recording post-production activities.
- Quality check documentation.
- Reporting of defects.

Rauemi | Resources

Programme Guidance information available from info@cstisb.nz.

Pārongo Whakaū Kounga | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Construction and Specialist Trades Industry Skills Board
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	26 February 2026	N/A
Kōrero whakakapinga Replacement information	This skill standard replaced unit standards 32685 and 32682.		
Rā arotake Planned review date	31 December 2030		

Please contact Construction and Specialist Trades Industry Skills Board at info@cstisb.nz to suggest changes to the content of this skill standard.