

Post-prod Carry out post-production processes of standard complexity for concrete products or precast concrete manufacture

Kaupae Level	3
Whiwhinga Credit	5
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 post-production processes of standard complexity for concrete products or precast concrete manufacture 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. Release and inspect concrete products or precast elements.	a. Concrete products or precast elements 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 elements.	a. Lifting and movement processes are carried out to handle and store concrete products or precast elements in line with industry standards.
	b. Measures are applied to prevent loading stress and damage to concrete products or precast elements 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 manufacture 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 post-production work carried out under set procedures and supervision. It includes releasing, cleaning, handling, storing, and recording concrete products or precast elements using familiar equipment and methods.

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.

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

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 qualifications@waihangaararau.nz.

Pārongo Whakaū Kounga | 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 32685.		
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.