

Set out Set out for in-ground or above-ground concrete construction

Kaupae Level	4
Whiwhinga Credit	7
Whāinga Purpose	This skill standard is for people working in or entering the construction trades. People credited with this skill standard have the skills to set out for in-ground and above-ground concrete construction. This skill standard aligns with the New Zealand Certificate in Concrete Construction (Commercial and Civil Infrastructure) (Level 4) [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. Interpret set-out information for concrete construction.	a. Control lines and datum points are located and confirmed against plans and specifications.
	b. Set-out information is interpreted to identify the position, levels, and dimensions for in-ground or above-ground concrete work.
	c. Variations or inconsistencies, if present, are identified and reported in accordance with industry standards.
2. Use set-out information to confirm layout and levels for concrete work.	a. Levelling and measuring equipment are used safely and accurately to check layout and levels.
	b. Set-out information is used to confirm the layout and levels of concrete work against plans and specifications.

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

Assessment specifications:

To achieve this standard the candidate must set out for in-ground or above-ground concrete construction of moderate complexity in line with 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.

Evidence for this standard may be demonstrated through set-out work for either in-ground or above-ground concrete construction, depending on the candidate's workplace context.

Moderate complexity refers to set-out work that involves a broad range of tasks and varied conditions. Work includes confirming the layout and levels of concrete elements, for example, slabs, beams, columns, walls, or foundations, where there may be changing site conditions, multiple reference points or coordination with other trades.

Evidence for this standard must be demonstrated:

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

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content

- Plans and specifications
- Site layout and conditions
- Control points, reference marks and benchmarks
- Control lines and profiles
- Position, levels and dimensions
- Tolerances and industry standards
- Levelling and measuring equipment
- Site drawings and symbols
- Reporting variations and unclear information
- Recording measurements and site notes
- Protection of set-out information
- Site procedures and documentation
- Quality assurance requirements
- Health and safety practices
- Environmental requirements

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 standard 32587.		
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.