

41141 Set out for in-ground or above-ground concrete construction of moderate complexity

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| Kaupae Level | 4 |
| Whiwhinga Credit | 7 |
| Whāinga Purpose | <p>This skill standard is for people working in or entering the construction trades.</p> <p>People credited with this skill standard have the skills to set out for in-ground and above-ground concrete construction of moderate complexity.</p> <p>This skill standard aligns with the New Zealand Certificate in Concrete Construction (Building and Infrastructure) (Level 4) [Ref: 4188] 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 |
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| 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 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.

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.

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.

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.

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.

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 info@cstisb.nz.

Pārongo Whakaū Kounga | Quality assurance information

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| Ngā rōpū whakatau-paerewa Standard Setting Body | Construction and Specialist Trades Industry Skills Board |
| Whakaritenga Rārangi Paetae Aromatawai DASS classification | Planning and Construction > 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 standard 32588. | | |
| 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.