

41137 Handle and store reinforcing for construction trades

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 handle and store reinforcing for construction trades.</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. Identify key features and use of reinforcing materials.	a. Steel used for reinforcing is identified in terms of type and use.
	b. Reinforcing components are identified in terms of type and function as part of the reinforcing system.
2. Handle and store reinforcing for construction trades.	a. Delivery documentation and bar tags are checked to confirm the correct type and quantity of reinforcing.
	b. Manual handling and basic lifting methods are applied to move reinforcing safely and prevent damage.
	c. Storage methods are applied to prevent deterioration and allow safe retrieval.

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

Assessment specifications:

To achieve this standard the candidate must be capable of handling and storing reinforcing for construction trades 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.

Reinforcing refers to steel bars and mesh and associated components (e.g. ties, chairs, spacers, couplers, brackets, ducts, fibres).

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.

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content

Plans and specifications

- Reinforcing steel plans and specifications.
- Bar tags, detail sheets and delivery documentation.

Reinforcing steel

- Plain round bars, deformed bars, ribbed, mesh, bars, coils.
- Grades such as 300E and 500E.
- Mesh in slabs, bars in beams/columns.

Reinforcing components

- Ties (e.g. box ties, figure-eight ties and saddle ties), chairs, spacers, brackets, anchors, couplers, ducts, fibres.
- Supporting, spacing, securing or protecting reinforcement.

Handling methods

- Safe lifting techniques.
- Mechanical handling equipment.
- Manual handling practices.
- Minimising bending or deformation.
- Protective equipment.
- Hazard identification and controls.

Storage methods

- Stacking and supporting to avoid bending.

- Segregation by size and grade.
- Weather protection.
- Preventing rust.
- Preparation before use.

Environmental considerations

- Minimising waste.
- Preventing contamination of soil and water.
- Reuse or recycling of offcuts.

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 standard 32665.		
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.