

<b>Title</b>	<b>Place, finish, and cure concrete for footings and foundation walls under supervision</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	People credited with this standard can, under supervision: <ul style="list-style-type: none"> <li>• place, finish, and cure concrete for footings and foundation walls; and</li> <li>• clean and store tools, plant and equipment used to place, finish, and cure concrete.</li> </ul>
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<b>Classification</b>	Construction Trades > Carpentry
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Scope of practice**  
 Working *under supervision* means the ability to work to construction workplace standards under the supervision of a commercially competent practitioner whose role is to ensure the completed construction meets industry and regulatory requirements. This standard does not recognise commercial competence.
- 2 Assessment**  
 This unit standard must be assessed under the supervision of a commercially competent practitioner in construction workplace conditions that reflect:
  - current health, safety, industry, and workplace requirements; and
  - industry requirements for commercially acceptable timeframes.

Evidence generated for assessment against this standard must be verified by a person who has current expertise in the building and construction trades and has had the opportunity to regularly observe the candidate in the workplace.
- 3 Range**  
 Evidence generated for assessment against this standard must reflect workplace and industry requirements specified in:
  - documented worksite specifications, procedures, and practices;
  - manufacturer recommendations, specifications, and technical data sheets;
  - applicable specifications from other sources such as an architect, designer, engineer, or supervisor;
  - applicable material safety data sheets;
  - NZS 3109:1997 *Concrete Construction*;
  - NZS 3604:2011 *Timber Framed Buildings*;
  - the New Zealand Building Code.

Evidence generated for assessment against this standard must reflect the requirements of:

- Building Act 2004;
- Health and Safety at Work Act 2015;
- Resource Management Act 1991;
- Building Regulations 1992;
- Building (Forms) Regulations 2004;
- Health and Safety in Employment Regulations 1995.

#### 4 References

NZS 3604:2011 *Timber Framed Buildings*. Available from Standards NZ (<http://www.standards.co.nz>).

NZS 3109:1997 *Concrete Construction*. Available from Standards NZ (<http://www.standards.co.nz>).

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## Outcomes and performance criteria

### Outcome 1

Place, finish, and cure concrete for footings and foundation walls under supervision.

#### Performance criteria

- 1.1 Receive concrete and check the delivery for consistency with the order. Address any inconsistencies.
- 1.2 Place concrete as close to its final position as practical.
- 1.3 Compact concrete to give maximum density.
- 1.4 Finish a wet concrete surface.
- Range footings, foundation walls.
- 1.5 Cure concrete.
- Range one of – ponding, covering, curing compound.
- 1.6 Set out concrete cutting to allow for shrinkage.

### Outcome 2

Clean and store tools, plant, and equipment used to place, finish, and cure concrete.

Range plant includes – any machinery, vehicle, vessel, aircraft, equipment (including personal protective equipment), appliance, container, implement, or tool; any component of any of those things; anything fitted or connected to any of those things;  
personal protective equipment includes – anything used or worn by a person (including clothing) to minimise risks to the person's health and safety;  
air-supplied respiratory equipment.

**Performance criteria**

- 2.1 Clean workplace, tools, and plant used to place, finish, and cure concrete.
- 2.2 Store tools and plant used to place, finish, and cure concrete.

<b>Replacement information</b>	<p>This unit standard and unit standard 13010 were replaced by skill standard 40781.</p> <p>This unit standard and unit standard 13010 replaced unit standard 611.</p>
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**This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.**

**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	21 May 1999	31 December 2023
Review	2	26 February 2002	31 December 2023
Review	3	25 January 2008	31 December 2023
Review	4	30 September 2021	31 December 2028
Review	5	28 August 2025	31 December 2028

<b>Consent and Moderation Requirements (CMR) reference</b>	0048
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.