

<b>Title</b>	<b>Construct formwork for footings and foundation walls up to 1.2 metres tall under supervision</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>9</b>

<b>Purpose</b>	<p>People credited with this standard can, under supervision:</p> <ul style="list-style-type: none"> <li>• construct formwork for footings and foundation walls up to 1.2 metres tall; and</li> <li>• clean and store plant, tools, and equipment used to construct formwork for footings and foundation walls up to 1.2 metres tall.</li> </ul>
----------------	--

<b>Classification</b>	Construction Trades > Carpentry
-----------------------	---------------------------------

<b>Available grade</b>	Achieved
------------------------	----------

---

### 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*;
  - NZS 4230:2004 *Design of reinforced concrete masonry structures*;

- 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 3109:1997 *Concrete construction*. Available from Standards NZ

(<http://www.standards.co.nz>).

NZS 3604:2011 *Timber Framed Buildings*. Available from Standards NZ

(<http://www.standards.co.nz>).

NZS 4230:2004 *Design of reinforced concrete masonry structures*. Available from Standards NZ (<http://www.standards.co.nz>).

---

## Outcomes and performance criteria

### Outcome 1

Construct formwork for footings and foundation walls up to 1.2 metres tall under supervision.

Range shutters, stud, sheathing.

### Performance criteria

1.1 Fabricate and erect formwork for footings and foundations up to 1.2 metres tall.

Range line, level and plumb; specified tolerances; openings; chases; joints; fixing materials; height; bracing; ties; joints prevent loss of fines.

1.2 Tie and brace formwork to maintain specified tolerances.

1.3 Dismantle formwork.

Range clean, repair, store.

## Outcome 2

Clean and store plant, tools, and equipment used to construct formwork for footings and foundation walls up to 1.2 metres tall.

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 construct formwork for footings and foundation walls up to 1.2 metres tall.
- 2.2 Store tools, plant and equipment used to construct formwork for footings and foundation walls up to 1.2 metres tall.

<b>Replacement information</b>	This unit standard and unit standard 13008 replaced unit standard 609.
--------------------------------	--

<b>Planned review date</b>	31 December 2026
----------------------------	------------------

### 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 2024
Review	4	30 September 2021	N/A
Revision	5	28 March 2024	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0048
--	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

### Comments on this unit standard

Please contact the Waihangara Ara Rau Construction and Infrastructure Workforce Development Council [qualifications@waihangaararau.nz](mailto:qualifications@waihangaararau.nz) if you wish to suggest changes to the content of this unit standard.