

<b>Title</b>	<b>Excavate and fill a site for footings and slab construction under supervision</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>6</b>

<b>Purpose</b>	People credited with this standard can: <ul style="list-style-type: none"> <li>excavate and fill a site for footings and slab construction under supervision; and</li> <li>clean and store tools, plant and equipment used to excavate and fill a site for footings and slab construction.</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

- 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.
- 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.
- 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 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>).

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## Outcomes and performance criteria

### Outcome 1

Excavate and fill a site for footings and slab construction under supervision.

#### Performance criteria

- 1.1 Establish the position, size, line, depths, and location of services for excavating a site for footings and a concrete slab.
- 1.2 Excavate a site for footings and a concrete slab.
- Range work methods, plant, equipment, identification of hazards and controls.
- 1.3 Place, spread, and compact the hardfill and blinding layer.
- Range levelling, compaction.
- 1.4 Lay a damp-proof membrane to meet the specifications in NZS 3604:2011.
- 1.5 Seal the damp-proof membrane joints and penetrations.

### Outcome 2

Clean and store tools, plant, and equipment used to excavate and fill a site for footings and slab construction.

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 excavate and fill a site for footings and slab construction.
- 2.2 Store tools and plant used to excavate and fill a site for footings and slab construction.

<b>Replacement information</b>	This unit standard and unit standard 13006 replaced unit standard 607.
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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 2024
Review	4	30 September 2021	31 December 2028
Revision	5	28 March 2024	31 December 2028
Review	6	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>.