

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

Purpose	People credited with this standard can: <ul style="list-style-type: none"> • excavate and fill a site for footings and slab construction under supervision; and • clean and store tools, plant and equipment used to excavate and fill a site for footings and slab construction.
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Classification	Construction Trades > Carpentry
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Available grade	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 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>).

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.

Replacement information	This unit standard and unit standard 13006 replaced unit standard 607.
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Planned review date	31 December 2026
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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

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

Comments on this unit standard

Please contact the Waihanga Ara Rau Construction and Infrastructure Workforce Development Council qualifications@waihangaararau.nz if you wish to suggest changes to the content of this unit standard.