

Title	Construct pile foundations under supervision		
Level	3	Credits	13

Purpose	People credited with this standard can, under supervision: <ul style="list-style-type: none"> • construct pile foundations; • fix bearers, stringers, and bracing for pile foundations; and • clean and store tools, plant, and equipment used to construct pile foundations.
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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 3604:2011 *Timber Framed Buildings*, or a design that complies with the Building Act 2004 when construction requirements are outside the scope of NZS 3604;
- 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 Reference

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

Outcomes and performance criteria

Outcome 1

Construct pile foundations under supervision.

Performance criteria

- 1.1 Select piles and pile footing types to meet the requirements of the site documentation.

Range ordinary, braced, anchor.

- 1.2 Place piles according to the site documentation.

Range spacing, level, height, plumb.

Outcome 2

Fix bearers, stringers, and bracing for pile foundations under supervision.

Performance criteria

- 2.1 Place and fix bearers, stringers, and beams required for a construction job.

- 2.2 Install sub-floor bracing to meet requirements of site documentation.

Outcome 3

Clean and store tools, plant, and equipment used to construct pile foundations.

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

3.1 Clean workplace, tools, and plant used to construct pile foundations.

3.2 Store tools and plant used to construct pile foundations.

Replacement information	This unit standard replaced unit standard 13044.
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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	25 January 2008	31 December 2024
Review	2	30 September 2021	N/A
Revision	3	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.