

Title	Construct and erect wall frames under supervision		
Level	3	Credits	14

Purpose	<p>People credited with this standard can, under supervision:</p> <ul style="list-style-type: none"> • determine required materials and complete a materials order; • set out, cut, and assemble wall framing and beams; • erect a wall frame; and • clean and store tools, plant and equipment used to construct and erect wall frames.
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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 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 consents, working drawings, plans and specifications, reports, producer statements, industry standards, and other critical documentation;
- applicable specifications from other sources such as an architect, designer, engineer, or supervisor;
- applicable material safety data sheets;
- NASH 3405 *Design and Construction Guide (Non-specific)*;
- NZS 3604:2011 *Timber Framed Buildings*;

- the New Zealand Building Code.

4 References

NASH (2006), *National Association of Steel Framed Housing (NASH) 3405 Design and Construction Guide (Non-specific)*, NASH. Available from NASH NZ, PO Box 76 134, Manukau City).

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

Outcomes and performance criteria

Outcome 1

Determine required materials and complete a materials order.

Performance criteria

- 1.1 Determine required materials and prepare an order.
- Range quantities, dimensions, treatment, grade.
- 1.2 Check delivered materials against a materials order. Store and protect a materials delivery.

Outcome 2

Set out, cut, and assemble wall framing and beams under supervision.

Performance criteria

- 2.1 Set out top and bottom plates, cut components to length, and assemble frames.
- Range plates, studs and jack studs, trimmers, lintels, beams, braces, dwangs/noggings; straight, square, braced.

Outcome 3

Erect a wall frame under supervision.

Performance criteria

- 3.1 Stand and position wall frames. Attach temporary bracing.
- 3.2 Fix the bottom plates.
- 3.3 Plumb and brace the corners.
- 3.4 Straighten and brace the top plates.

3.5 Install the bracing systems.

Range one of – plywood sheet diaphragm, proprietary system.

Outcome 4

Clean and store tools, plant, and equipment used to construct and erect wall frames.

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

4.1 Clean workplace, tools, and plant used to construct and erect wall frames.

4.2 Store tools and plant used to construct and erect wall frames.

Replacement information	This unit standard replaced unit standard 13049.
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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	30 September 2021	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 Building and Construction Industry Training Organisation at national.office@bcito.org.nz if you wish to suggest changes to the content of this unit standard.