

Title	Set out and erect steel wall framing on site		
Level	4	Credits	12

Purpose	People credited with this unit standard are able to: determine materials required for steel wall framing; set out and erect steel wall framing; interpret a bracing schedule and install steel frame bracing; and complete work operations; on site.
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Classification	Construction Trades > Carpentry
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Available grade	Achieved
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Guidance Information

1 Definitions

Industry practice refers to the ability to work unsupervised, demonstrating knowledge and skills that reflect the productivity, uniformity, finish quality and material economies currently accepted within industry.

Plant is used as in the Health and Safety at Work Act 2015 to mean appliances, equipment, fittings, furniture, implements, machines, machinery, tools, vehicles, plus parts, controls, and anything connected.

Site documents refer to any official documentation for the site, and may include consents, working drawings, plans and specifications, reports, producer statements, any relevant industry standards, or any other documentation critical to the construction process.

Specifications refers to documented instructions (oral, written, graphic) and may include any of the following: manufacturer's specifications, recommendations or technical data sheets; material specifications; specifications from a specialist source such as an architect, designer, engineer or a supervisor; site or work specific requirements.

Work site practice refers to the documented procedures specific to a work site which set out the standard and required practices of that work site.

2 For all *on site* unit standards the practical assessment evidence must be provided in the context of commercial business construction operations, in the workplace, under normal workplace conditions.

3 Credit for this unit standard indicates compliance with industry practice.

- 4 Legislation and publications relevant to this unit standard include:
Health and Safety at Work Act 2015 and Health and Safety in Employment Regulations 1995;
Building Act 2004;
Resource Management Act 1991;
New Zealand Building Code;
available from <https://www.legislation.govt.nz/>
National Association of Steel-Framed Housing (NASH) Standard Part 2:2019 Light Steel Framed Buildings available from <https://nashnz.org.nz/>
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Outcomes and performance criteria

Outcome 1

Determine materials required for steel wall framing on site.

Performance criteria

- 1.1 Material requirements are identified from site documents.
- 1.2 Supply of delivered materials is checked and confirmed as in accordance with site documents.
- Range quality, quantity.
- 1.3 All design, construction, cross-sectional dimensions and spacings are checked and confirmed as in accordance with site documents.

Outcome 2

Set out and erect steel wall framing on site.

Performance criteria

- 2.1 Steel wall framing is set out in accordance with site documents.
- 2.2 Steel wall frames are erected and fixed in position in accordance with site documents.
- 2.3 Corners and walls are plumbed and straightened both ways for accuracy, and temporarily braced, in accordance with site documents.
- 2.4 Connectors are installed in accordance with the site documents and manufacturer's specifications.

Outcome 3

Interpret a bracing schedule and install steel frame bracing on site.

Performance criteria

- 3.1 Steel frame bracing requirements are identified from the bracing schedule.
- 3.2 Steel frame bracing elements are positioned from the bracing schedule and fixed in accordance with manufacturer's recommendations.

Range one of – plywood sheet diaphragm, metal angle, proprietary systems.

Outcome 4

Complete work operations on site.

Performance criteria

- 4.1 All operations are safely completed; workplace, tools, plant and equipment are cleaned; and tools, plant and equipment are stored in accordance with work site practice.

Planned review date	31 December 2027
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	22 September 2004	31 December 2025
Review	2	25 January 2008	31 December 2025
Review	3	30 March 2023	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 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.