

<b>Title</b>	<b>Erect prefabricated wall frames</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>32</b>

<b>Purpose</b>	<p>This unit standard is for people erecting prefabricated frames on site.</p> <p>People credited with this unit standard are able to: apply on-site safety practices when erecting prefabricated frames; plan and communicate to erect prefabricated wall frames; describe the materials and methods used in the construction and erection of prefabricated wall frames; read and apply working drawings and specifications to erect prefabricated wall frames; and use tools and equipment to erect prefabricated wall frames. They will also be able to prepare to and erect prefabricated wall frames.</p>
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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**

1 Assessment

Candidates must be able to erect prefabricated timber or formed light gauge steel channel wall frames to industry standards.

Evidence for the practical aspects of this unit standard must be gathered in the context of commercial business operations, in the workplace, under normal workplace conditions and should be verified by a person who has current expertise in the trade and has had the opportunity to regularly observe the candidate in the workplace.

2 Definitions

*Industry standards* refers to the candidate’s ability to:

- perform the skill in a safe manner
- perform the skill to the required minimum guidelines including regulatory requirements, industry norms and standard operating procedures
- perform the skill within an acceptable timeframe
- repeat the skill on demand
- apply the skill to comparable work
- perform the skill with limited supervision.

*Operational requirements* – refers to verbal and written information provided to employees or contractors covering the company policy, standard operating procedures and processes and job-specific instructions that guide the installation of wall frames. These requirements may be documented in company or supplier specifications and procedures, job specifications, work instructions, manufacturers' specifications, product quality specifications and legislative documents.

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## Outcomes and performance criteria

### Outcome 1

Apply on-site safety practices when erecting prefabricated frames.

#### Performance criteria

- 1.1 Site safety requirements and emergency procedures are identified and applied in accordance with operational requirements.
- 1.2 Personal protective equipment (PPE) is selected and used in accordance with operational requirements.
- 1.3 Hazards, accidents, incidents, and/or near misses are reported in accordance with operational requirements.
- 1.4 Personal work area and access areas are kept free of debris and waste material in accordance with operational requirements.

### Outcome 2

Plan and communicate to erect prefabricated wall frames.

#### Performance criteria

- 2.1 Work tasks are planned and completed within agreed timeframes and on-site work programmes.
- 2.2. Communication with suppliers, clients and other trades is appropriate in terms of purpose and audience.
- 2.3 Information is obtained, recorded and shared in accordance with operational requirements.

### Outcome 3

Describe materials and methods used in the construction and erection of prefabricated wall frames.

#### Performance criteria

- 3.1 Wall framing members are described in terms of their locations and purposes.

- 3.2 The materials used for the construction of prefabricated wall frames are described in terms of their properties.
- 3.3 The mechanical fixings used to fix and connect prefabricated wall frames are described in terms of their properties and uses.
- 3.4 The materials used to brace wall frames are described in terms of their properties and purposes.
- 3.5 The methods for erecting prefabricated wall frames are described in terms of operational requirements.
- 3.6 Methods used to erect, fix, connect and brace wall frames are described in terms of operational requirements.

#### **Outcome 4**

Demonstrate knowledge of working drawings and specifications in the construction and erection of prefabricated wall frames.

#### **Performance criteria**

- 4.1 Working drawings and specifications are described in terms of their key components and purposes.
- 4.2 Configuration and location of frames are identified from the working drawings and specifications.
- 4.3 Types, location and quantity of fixings and connectors are identified from the working drawings and specifications.
- 4.4 Wall bracing requirements are identified from the working drawings and specifications.

#### **Outcome 5**

Prepare to erect prefabricated wall frames.

#### **Performance criteria**

- 5.1 Slab or floor area is checked to confirm that it conforms to working drawings and specifications.
- 5.2 Any issues with the potential to affect the safety, quality and timeliness of wall frame erection are identified and addressed in accordance with operational requirements.
- 5.3 Set-out is undertaken in accordance with working drawings and specifications.

**Outcome 6**

Use tools, equipment and machinery to erect prefabricated wall frames.

**Performance criteria**

- 6.1 Tools, equipment and machinery are selected and set up to meet the requirements of the task.
- 6.2 Tools, equipment and machinery are used safely and in accordance with operational requirements and manufacturers' specifications.
- 6.3 Tools, equipment and machinery are maintained and stored in accordance with operational requirements.

**Outcome 7**

Erect prefabricated wall frames.

**Performance criteria**

- 7.1 Wall frames are erected and fixed in position in accordance with working drawings, specifications and operational requirements.
- 7.2 Corners and walls are plumbed and straightened both ways for accuracy, and temporarily braced, in accordance with working drawings, specifications and operational requirements.
- 7.3 Connectors are installed in accordance with working drawings, specifications and operational requirements.

<b>Planned review date</b>	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	14 December 2017	31 December 2025
Review	2	30 March 2023	N/A

<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>.

**Comments on this unit standard**

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