

<b>Title</b>	<b>Erect a pre-cast chimney</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	People credited with this unit standard are able to: set up work area; erect a pre-cast chimney; and complete work operations.
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<b>Classification</b>	Masonry > Brick and Block Laying
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 This unit standard must be assessed against on the basis of evidence of demonstrated performance in the workplace and/or situations that reflect the workplace environment.
- 2 Definitions  
*Industry practice* refers to the expected standard required at the location in which credit for this standard is sought; such standards may be set down in: industry codes of practice, enterprise procedures, which refer to documented procedures specific to the enterprise which set out the standard business practice, and activities of that enterprise.  
*Site safety plan* refers to the documented safety plan which is required by law to ensure compliance with the Health and Safety in Employment Act, 1992.  
*Specifications* refer to any, or all of the following:  
manufacturer's specifications and/or recommendations;  
site and/or workplace specific requirements.  
*Plant* refers to appliances, equipment, fittings, furniture, implements, machines, machinery, tools, vehicles, plus parts, controls, and anything connected to such plant.
- 3 New Zealand Standards and legislation relevant to this unit standard include the following:  
NZS 4210:2001, *Masonry Construction: Materials and Workmanship*;  
NZS 3604:1999, *Timber Framed Buildings*;  
NZS 4229:1999, *Concrete masonry buildings not requiring specific engineering design*;  
Health and Safety in Employment Act, 1992;  
*Best Practice Guideline for Scaffolding*, 2003 Department of Labour available from <http://www.osh.dol.govt.nz/order/catalogue/scaffolding.shtml>.  
Resource Management Act, 1991.

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## Outcomes and performance criteria

### Outcome 1

Set up work area.

#### Performance criteria

- 1.1 Area where pre-cast chimney is to be erected is confirmed as being in accordance with the project plans and the specifications.
- 1.2 Actions taken in the event that site is unsuitable for installation are in accordance with industry practice.
- 1.3 Plant and materials are set up in accordance with work flow.  
  
Range may include but is not limited to – accessibility, services, protection against weather.
- 1.4 Materials used are in accordance with the specifications.
- 1.5 Work is set out to gauge and the specifications.
- 1.6 Work of other trades is protected prior to commencement of work and during work in accordance with industry practice.

### Outcome 2

Erect a pre-cast chimney.

#### Performance criteria

- 2.1 Foundations are excavated to comply with the specifications.
- 2.2 Concrete for foundations is poured in accordance with the specifications.
- 2.3 Mortar is mixed in accordance with the specifications.
- 2.4 Scaffolding is erected to comply with regulatory requirements.
- 2.5 Pre-cast chimney is erected in accordance with the specifications.  
  
Range includes but is not limited to – foundations, base, and reinforcing steel.
- 2.6 Grout is placed in accordance with the specifications.
- 2.7 Pre-cast chimney is secured to ceiling joist in accordance with the specifications.

**Outcome 3**

Complete work operations.

**Performance criteria**

- 3.1 All operations are completed without damage to project, plant, staff or materials.
- 3.2 All activities comply with safety requirements set down in the site safety plan.
- 3.3 All plant is used, maintained, cleaned, and stored and work site left as specified in accordance with manufacturers, and/or legislative requirements.
- 3.4 All documentation is completed in accordance with industry practice.
- 3.5 Surplus materials are dealt with in accordance with industry practice and legislative requirements.

**This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.**

**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	16 January 1997	31 December 2011
Revision	2	12 January 1998	31 December 2011
Revision	3	8 April 1999	31 December 2011
Review	4	21 September 2007	31 December 2011
Revision	5	21 July 2011	31 December 2024
Review	6	30 June 2022	31 December 2024

**Consent and Moderation Requirements (CMR) reference**

0048

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.