

<b>Title</b>	<b>Use lifting systems for precast concrete elements</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: select, prepare and use lifting systems for precast concrete elements, and complete work operations.
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<b>Classification</b>	Concrete > Precast Concrete
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Definitions  
*Specifications* refer 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.  
*Workplace practice* refers to the documented procedures specific to a workplace which set out the standard and required practices of that workplace.
- 2 Credit for this unit standard indicates compliance with industry practice. *Industry practice* refers to the ability to demonstrate knowledge and skills that reflect the productivity, uniformity, finish quality, and material economies currently accepted within industry.
- 3 Legislation and publications relevant to this unit standard include:  
 Health and Safety in Employment Act 1992 and Health and Safety in Employment Regulations 1995;  
*Approved Code of Practice for the Safe Handling, Transportation and Erection of Pre-Cast Concrete*, available from Department of Labour at <http://www.osh.govt.nz/order/catalogue/pdf/concrete-ac.pdf>.

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### Outcomes and performance criteria

#### Outcome 1

Select and prepare lifting systems for precast concrete elements.

#### Performance criteria

- 1.1 Lifting system is selected in accordance with specifications, manufacturer's recommendations, and workplace practice.

- 1.2 Lifting system preparation is in accordance with specifications, manufacturer's recommendations, and workplace practice.
- 1.3 Personal protective equipment is selected and product is prepared for safe lifting in accordance with workplace practice.

## Outcome 2

Use lifting systems for precast concrete elements.

### Performance criteria

- 2.1 Lifting system is installed in accordance with specifications, manufacturer's recommendations, and workplace practice.
- 2.2 Lifting system is rigged in accordance with specifications, manufacturer's recommendations, and workplace practice.
- 2.3 Product is lifted safely and without damage in accordance with specifications, manufacturer's recommendations, and workplace practice.

## Outcome 3

Complete work operations.

### Performance criteria

- 3.1 All operations are safely completed, workplace and equipment are cleaned in accordance with workplace practice and environmental safety requirements, and routine maintenance is carried out in accordance with workplace practice.

**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	20 November 2009	31 December 2023
Review	2	28 October 2021	31 December 2023

### Consent and Moderation Requirements (CMR) reference

0048

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