

Title	Demonstrate knowledge of lifting systems for precast concrete elements		
Level	3	Credits	4

Purpose	People credited with this unit standard are able to demonstrate knowledge of lifting systems for precast concrete elements.
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Classification	Concrete > Precast Concrete
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Available grade	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 that reflects the 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>.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of lifting systems for precast concrete elements.

Performance criteria

1.1 Lifting systems and their components are identified and described in terms of purpose.

Range lifting systems include – clutch system, screwed socket loop, hole and shackle, stressing strand loop.

1.2 Safe use of the main lifting system employed in own work is described in accordance with manufacturer's specifications and workplace practice.

Range description must include pre-pour placement and post-cast lifting operation.

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Status information and last date for assessment for superseded versions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>.