

Title	Demonstrate knowledge of proprietary suspended concrete floor systems		
Level	4	Credits	2

Purpose	People credited with this unit standard are able to demonstrate knowledge of proprietary suspended concrete floor systems.
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Classification	Construction Trades > Carpentry Theory
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Available grade	Achieved
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Guidance Information

- 1 Definition
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.
- 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 relevant to this unit standard includes:
Health and Safety in Employment Act 1992 and Health and Safety in Employment Regulations 1995;
Building Act 2004;
Resource Management Act 1991;
New Zealand Building Code;
NZS 3109 *Concrete construction*, available from Standards NZ
(<http://www.standards.co.nz>).

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of proprietary suspended concrete floor systems.

Range pre cast systems – hollow core, pre cast beams with timber infill, flat slab, beam and slab, permanent formwork.

Performance criteria

- 1.1 Proprietary suspended concrete floor systems are identified and described in terms of purpose, components and differences between types.
 - 1.2 Proprietary suspended concrete floor systems are identified in terms of their location and purpose in a building.
 - 1.3 On site delivery, cramage, storage and protection of proprietary suspended concrete floor systems is described in accordance with manufacturer’s specifications.
 - 1.4 Placing and fixing of proprietary suspended concrete floor systems to manufacturer’s specifications are described.
 - 1.5 Formation of formwork for edges, joints and penetrations to manufacturer’s specifications is described.
 - 1.6 Placing and setting out of reinforcing for concrete topping to manufacturer’s specifications are described.
 - 1.7 Procedures for maintaining health and safety requirements when setting up and dismantling proprietary suspended concrete floor systems are described.
- Range work methods, plant, equipment, identification of hazards and controls.

Replacement information	This unit standard was replaced by unit standard 32485.
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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	25 January 2008	31 December 2023
Review	2	30 September 2021	31 December 2023

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>.