

<b>Title</b>	<b>Demonstrate knowledge of installing proprietary suspended concrete floor systems</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>2</b>

<b>Purpose</b>	<p>People credited with this standard can demonstrate knowledge of:</p> <ul style="list-style-type: none"> <li>installing falsework and proprietary suspended concrete floor systems; and</li> <li>health and safety for installing proprietary suspended concrete floor systems.</li> </ul>
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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 Range

Proprietary suspended concrete floor systems include – pre-cast systems, permanent formwork.

Pre-cast systems include – hollow core, pre-cast beams with timber infill, flat slab, beam and slab.

Evidence generated for assessment against this standard must reflect workplace and industry requirements specified in:

- documented worksite specifications, procedures, and practices;
- manufacturer recommendations, specifications, and technical data sheets;
- applicable specifications from other sources such as an architect, designer, engineer, or supervisor;
- applicable material safety data sheets;
- NZS 3109:1997 *Concrete construction*;
- the New Zealand Building Code.

Evidence generated for assessment against this standard must reflect the requirements of:

- Building Act 2004
- Health and Safety at Work Act 2015
- Resource Management Act 1991
- Building Regulations 1992
- Building (Forms) Regulations 2004
- Health and Safety in Employment Regulations 1995.

- 2 Reference  
NZS 3109:1997 *Concrete construction*. Available from Standards NZ  
(<http://www.standards.co.nz>).

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## Outcomes and performance criteria

### Outcome 1

Demonstrate knowledge of installing falsework and proprietary suspended concrete floor systems.

#### Performance criteria

- 1.1 Identify and describe proprietary suspended concrete floor systems.
- Range purpose, location in building, components, differences between types.
- 1.2 Describe how to install a temporary falsework support system.
- Range position, camber, bracing.
- 1.3 Describe how to take delivery of a proprietary suspended concrete floor system on a construction site.
- Range delivery procedure, crantage, storage, protection.
- 1.4 Describe how to place and fix a proprietary suspended concrete floor system.
- 1.5 Describe how to complete formwork for edges, joints, and penetrations.
- 1.6 Describe how to dismantle temporary falsework support systems.

### Outcome 2

Demonstrate knowledge of health and safety for installing proprietary suspended concrete floor systems.

Range labour, identification of hazards and controls, plant;  
plant includes – any machinery, vehicle, vessel, aircraft, equipment (including personal protective equipment), appliance, container, implement, or tool; any component of any of those things; anything fitted or connected to any of those things;  
personal protective equipment includes – anything used or worn by a person (including clothing) to minimise risks to the person's health and safety; air supplied respiratory equipment.

**Performance criteria**

- 2.1 Identify and describe health and safety requirements for installing proprietary suspended concrete floor systems.

<b>Replacement information</b>	This unit standard replaced unit standard 24363.
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<b>Planned review date</b>	31 December 2026
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	30 September 2021	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 Building and Construction Industry Training Organisation at [national.office@bcito.org.nz](mailto:national.office@bcito.org.nz) if you wish to suggest changes to the content of this unit standard.