

<b>Title</b>	<b>Construct stairs and ramps on site</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>6</b>

<b>Purpose</b>	People credited with this unit standard are able to construct stairs on site, construct ramps on site, and complete work operations on site.
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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 Definitions

*Plant* is used as in the Health and Safety in Employment Act 1992 to mean appliances, equipment, fittings, furniture, implements, machines, machinery, tools, vehicles, plus parts, controls, and anything connected.

*Site documents* refer to any official documentation for the site, and may include consents, working drawings, plans and specifications, reports, producer statements, any relevant industry standards, or any other documentation critical to the construction process.

*Work site practice* refers to the documented procedures specific to a work site which set out the standard and required practices of that work site.

2 For the purpose of this unit standard, a *ramp* means an inclined surface connecting different levels. This may be a ramp on the ground or a suspended ramp, but may not be a sloping footpath. Stairs and ramps built on the ground must include the support structure for the stairs or ramp, and not rely on the contour of the ground.

3 For the purpose of this unit standard, the construction of stairs and ramps includes the installation of handrails and balustrades in accordance with site documents.

4 For all *on site* unit standards the practical assessment evidence must be provided in the context of commercial business construction operations, in the workplace, under normal workplace conditions.

5 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.

- 6 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.

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## Outcomes and performance criteria

### Outcome 1

Construct stairs on site.

Range one of – timber, formwork for in situ concrete stairs.

### Performance criteria

1.1 Stair requirements are identified from site documents.

Range location, foundation, width, height, setout, materials, surface finish, handrails, riser, going, balustrades, reinforcing or stringers (strings), nosings.

1.2 Framing or falsework to landings is constructed in accordance with site documents.

1.3 Stair components are set out, assembled and erected in accordance with site documents.

### Outcome 2

Construct ramps on site.

Range one of – timber, formwork for in situ concrete ramps.

### Performance criteria

2.1 Ramp requirements are identified from site documents.

Range location, foundations, gradient, width, setout, materials, surface finish, handrails, height, reinforcing or bearers, upstands.

2.2 Footings and foundations are constructed in accordance with site documents.

2.3 Ramps are set out, assembled and erected in accordance with site documents.

### Outcome 3

Complete work operations on site.

**Performance criteria**

- 3.1 All operations are safely completed; workplace, tools, plant and equipment are cleaned; and tools, plant and equipment are stored in accordance with work site practice.

<b>Replacement information</b>	This unit standard replaced unit standard 13061. This unit standard was replaced by unit standard 32501.
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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

<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>.