

<b>Title</b>	<b>Detail, cut and bend reinforcing steel for concrete construction</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	People credited with this unit standard are able to detail, cut and bend reinforcement, and complete work operations.
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<b>Classification</b>	Construction Trades > Concrete Construction
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Legislation relevant to this unit standard includes: Health and Safety in Employment Act, 1992.
- 2 Reference material relevant to this unit standard includes: New Zealand Standards NZS 3109:1997 *Concrete construction*, available from Standards New Zealand (<http://www.standards.co.nz>).
- 3 Assessment against this unit standard must be undertaken on site. *On site* refers to a wide range of building and construction environments within which trade skills are required, and includes concrete production and concrete construction sites.

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### Outcomes and performance criteria

#### Outcome 1

Detail, cut and bend reinforcement.

#### Performance criteria

- 1.1 Steel is detailed, selected and cut to length in accordance with job specifications and NZS 3109.  
Range detail sheet, standard for length, wastage.
- 1.2 Steel is detailed and bent into shape in accordance with job specifications and NZS 3109.  
Range detail sheet, standard hooks, bends, tolerances.

#### Outcome 2

Complete work operations.

**Performance criteria**

- 2.1 All operations are carried out with hazard control procedures in place for identified hazards in accordance with manufacturer's recommendations, site safety plan and Health and Safety in Employment Act, 1992.
- 2.2 Documentation is completed and processed 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**Status information and last date for assessment for superseded versions**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	21 May 1999	31 December 2023
Revision	2	12 February 2003	31 December 2023
Review	3	26 July 2004	31 December 2023
Review	4	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>.