

<b>Title</b>	<b>Explain project setup requirements for steel fixing</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>2</b>

<b>Purpose</b>	People credited with this standard can explain project setup requirements for steel fixing.
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<b>Classification</b>	Concrete > Concrete Construction
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Legislation and standards relevant for this unit standard are:
  - Building Act 2004;
  - Health and Safety at Work Act 2015;
  - Building Regulations 1992;
  - NZS 3109:1997 *Concrete construction*;
  - AS/NZS 4671:2019 *Steel for the reinforcement of concrete*.
  
- 2 Assessment
 

This unit standard must be assessed by a commercially competent practitioner who holds any required permits in workplace conditions that reflect:

  - current health, safety, industry, and workplace requirements;
  - industry requirements for commercially acceptable timeframes.

Evidence generated for assessment against this standard must be verified by a person who has current expertise in the building and construction or infrastructure trades and has had the opportunity to regularly observe the candidate in the workplace.
  
- 3 Work must be completed without injury to personnel or damage to products and equipment. Any required hazard control procedures must be in place and personal protective equipment must be used to meet regulatory and worksite requirements.
  
- 4 Evidence generated for assessment against this standard must reflect workplace and industry requirements specified in:
  - health and safety plans;
  - environmental plans;
  - project documents;
  - manufacturer’s recommendations, specifications, and technical data sheets;
  - applicable material safety data sheets.

## 5 Definition

*Industry requirements* may refer to but are not limited to relevant policies, processes, methodologies, industry codes of practice, site specific health and safety plans, standard operating procedures, site safety plans, quality plans, work plans, traffic management plans, contract work programmes, job safety analysis, safe work method statements, job instructions, manufacturer's requirements, contract specifications, manuals, and procedural documents.

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## Outcomes and performance criteria

### Outcome 1

Explain project setup requirements for steel fixing.

### Performance criteria

- 1.1 Relevant project personnel are explained in terms of their roles and responsibilities.
- Range engineer, manager, supervisor, safety supervisor.
- 1.2 Relevant personnel during the setup of the project are explained in terms of their roles and responsibilities.
- Range foreman, builders, concrete workers, electricians, welders, plumbers.
- 1.3 Structural drawings and specifications are explained in terms of reinforcing details plans and elevation.
- 1.4 Environmental requirements for the site are explained in terms of project setup.
- 1.5 Project completion procedures are explained in accordance with project requirements and notifying relevant personnel.

<b>Planned review date</b>	31 December 2027
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### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 August 2022	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>.

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**Comments on this unit standard**

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council at [qualifications@waihanga.nz](mailto:qualifications@waihanga.nz) if you wish to suggest changes to the content of this unit standard.