

<b>Title</b>	<b>Select, care for, maintain and use rigging plant and equipment</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>3</b>

<b>Purpose</b>	People credited with this unit standard are able to: select; care for and maintain; and safely use rigging plant and equipment.
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<b>Classification</b>	Lifting Equipment > Core Rigging
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 All tasks must be carried out in accordance with the industry good practice based on:
  - a quality management systems (of the employer);
  - b designer's requirements and manufacturers' operating instructions; and government and local government legislation, regulations, bylaws, Health and Safety at Work Act 2015, and New Zealand Standards;
  - c the most up to date version of the *Approved Code of Practice for Load-lifting Rigging* is available online from: <https://worksafe.govt.nz/topic-and-industry/load-lifting-and-rigging/>; and all subsequent amendments and replacements.
- 2 Range  
Plant and equipment may include:  
ropes and lifting – natural fibre ropes, synthetic fibre ropes, flexible steel wire rope; splicing – shackles, eye bolts, wedge and sockets, rope thimbles, rope clamps, bull dog clips, fist grips, single base clamps, double base clamps (saddle), winches and sheaves, blocks, chain blocks, chain pullers, tirsors, spreader beams, lifting beams, equalising beams, swivels, turn bottles, turn buckles, personal protective equipment, lifting chains, web slings, round synthetic slings, grommets, lifting hooks, steel plate clamps, nuts, bolts and washers, dumpy level or laser level;  
moving – jacks, rollers, skates, skids, sliding shoes, feeler gauges, fish plates, packers, chocks, cradle timber, tensioning devices;
- 3 Definition  
*Rigging* – as defined in the *Approved Code of Practice for Load-lifting Rigging*.
- 4 Assessment  
Those undertaking training and assessment against this unit standard should note that rigging work may take place at heights well above ground level and, therefore, requires physical fitness and ability to work at heights.

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## Outcomes and performance criteria

### Outcome 1

Select rigging plant and equipment to meet job requirements to industry good practice standards.

#### Performance criteria

- 1.1 Select the appropriate rigging plant and equipment to meet job requirements for the completion of the task.

### Outcome 2

Care for and maintain rigging plant and equipment.

#### Performance criteria

- 2.1 Clean, service, maintain and store rigging plant and equipment.
- 2.2 Identify unsafe and/or faulty rigging plant and equipment and deal with them in accordance with worksite and company safety procedures.

### Outcome 3

Safely use rigging plant and equipment to meet job requirements.

#### Performance criteria

- 3.1 Identify potential hazards before starting work.
- Range hazards may include but are not limited to – electric shock, noise, presence of sharp and/or hot particles, dust, moving parts, cutting tools, compressed air leaks.
- 3.2 Use rigging plant and equipment recommended by the manufacturer to meet job/task requirements.
- 3.3 Use electrical safeguards to minimise the risk of electrocution.
- Range safeguards may include but are not limited to – residual current devices, isolating transformers, monitored earth circuits, double insulated tools; evidence of three is required.
- 3.4 Safely use rigging plant and equipment through safe work practices and complying to work plans.
- Range may include but is not limited to – scissor lifts, cherry pickers, fall protection systems, inertia reels, static lines.

3.5 Eliminate, isolate, and/or minimise hazards through safe work practice.

Range safe work practice includes but is not limited to – the use of personal protective equipment, following worksite and company health and safety procedures and manufacturer’s specifications.

<b>Planned review date</b>	31 December 2023
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#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	23 November 2003	31 December 2016
Review	2	23 March 2006	31 December 2016
Review	3	16 July 2015	31 December 2020
Review	4	13 December 2018	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0003
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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 Skills Organisation [reviewcomments@skills.org.nz](mailto:reviewcomments@skills.org.nz) if you wish to suggest changes to the content of this unit standard.