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| <b>Title</b> | <b>Demonstrate knowledge of safety nets and install and dismantle safety nets in rigging</b> |                |          |
| <b>Level</b> | <b>4</b>   | <b>Credits</b> | <b>5</b> |

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| <b>Purpose</b> | People credited with this unit standard are able to: demonstrate knowledge of requirements and selection of safety nets; install safety nets using approved attachment systems; and, carry out the dismantling, inspection testing and storage of the safety nets. |
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| <b>Classification</b> | Lifting Equipment > Core Rigging |
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| <b>Available grade</b> | Achieved |
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| <b>Prerequisites</b> | Unit 31661, <i>Describe, select and install temporary structural anchors for rigging purposes</i> ; Unit 23229, <i>Use safety harness system when working at height</i> ; and Unit 15757, <i>Use, install and disestablish temporary proprietary height safety systems when working at height</i> , or demonstrate equivalent knowledge and skills. |
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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;
  - b the Approved Code of Practice for Load-lifting Rigging available from: <https://worksafe.govt.nz/topic-and-industry/load-lifting-and-rigging/>;
  - c designer's requirements and manufacturers' operating instructions, legislation, regulations, bylaws, Health and Safety at Work Act 2015, and New Zealand Standards; and
  - d all subsequent amendments and replacements.
- 2 Range  
Plant and equipment, including certified safe working loads, may include:  
ropes – natural fibre ropes, synthetic fibre ropes, brackets or eyebolts and fixings, safety nets.
- 3 Definition  
*Rigging* – as is 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

Demonstrate knowledge of the requirements and selection of safety nets.

##### Performance criteria

1.1 Assess the risks associated with the use of safety nets.

1.2 Select appropriate means of access to install safety nets.

Range elevated working platform, remote attachments, working platforms, rope access

1.3 Assess the suitability of the supporting structure and appropriate anchors.

Range brackets fixed to concrete, steel, timber, tie ropes, clearance distance, fall heights, edge gaps.

#### Outcome 2

Install safety nets using approved attachment systems.

##### Performance criteria

2.1 Install safety nets using brackets and approved attachment systems.

Range brackets fixed to concrete, steel, timber.

2.2 Arrange safety nets in accordance with WorkSafe Best Practice Guidelines for Safe Use of Safety Nets.

Range correct tensioning, elimination of gaps, joining and overlapping of nets, eaves bagging, under rolling, fall distance, clearance distance.

2.3 Hand over documentation to the client.

Range safe usage, protection from damage, rescue procedure, criteria for being taken out of current service.

#### Outcome 3

Carry out the dismantling, inspection testing and storage of the safety nets.

**Performance criteria**

- 3.1 Safe dismantling/striking of nets is carried out.
- 3.2 Documentation of inspection reports, net logs and visual inspection checks are carried out.
- 3.3 Testing requirements and methods, testing samples, serial and identification numbers.
- 3.4 Inspection of the mesh, boundary and other ropes is conducted.
- 3.5 Defective and damaged safety nets are repaired or taken out of service.
- 3.6 Storage as per the manufactures' instructions and/or best practice guidelines.

**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       | 24 January 2019 | 31 December 2027         |
| Review       | 2       | 27 March 2025   | 31 December 2027         |

**Consent and Moderation Requirements (CMR) reference**

0003

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.