

<b>Title</b>	<b>Demonstrate knowledge of industry terminology, equipment and work practices for event and area rigging systems</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	People credited with this unit standard are able to: demonstrate knowledge of industry terminology and calculations used by rigging technicians on performance and event industry worksites; and demonstrate knowledge of safe work practices for rigging systems.
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<b>Classification</b>	Performing Arts General > Entertainment and Event Technology
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 All learning and assessment leading to this unit standard must be carried out in accordance with the following as relevant:
  - legislation including Health and Safety at Work Act 2015 and subsequent amendments;
  - current industry best practice and industry guidelines (where available) including *Safe Rigging Practices for the Entertainment Industry in New Zealand*, June 2015, and *A Guide for Safe Working Practices in the New Zealand Theatre & Entertainment Industry*, April 2011, or replacements that supersede these guidelines, available from the WorkSafe website, [www.worksafe.govt.nz](http://www.worksafe.govt.nz).
- 2 The Entertainment and Event Technology programme guidance document should be consulted when developing assessments leading to this unit standard. It can be found at [www.skillsactive.org.nz](http://www.skillsactive.org.nz).

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### Outcomes and performance criteria

#### Outcome 1

Demonstrate knowledge of industry terminology and calculations used by rigging technicians on performance and event industry worksites.

#### Performance criteria

- 1.1 Describe common rigging systems used on entertainment and event industry worksites.
- 1.2 Identify rigging accessories commonly used in rigging systems on entertainment and event industry worksites.

- 1.3 Describe terminology related to rigging systems in terms of use in theatre or arena worksites.
- 1.4 Identify the parts of a truss system used in rigging systems.
- 1.5 Use simple calculations and conversions applied to rigging systems.

## Outcome 2

Demonstrate knowledge of safe work practices for rigging systems.

### Performance criteria

- 2.1 Explain forces involved with a typical rigging system.
- 2.2 Identify and interpret the manufacturers' specifications and data imprinted on lifting appliances and rigging equipment in terms of the safe use of equipment.
- 2.3 Explain design factors in terms of the safe use of equipment.
- 2.4 Describe safe work practices applied to lifting accessories.
- 2.5 Describe the factors and conditions that affect performance of different types of rope in accordance with manufacturers' specification.
- 2.6 Describe safe work practice when undertaking rigging tasks.  
Range working at height, use of elevated working platforms.
- 2.7 Explain safe work practices for manual, fibre rope and hand line rigging components in accordance with industry good practice.
- 2.8 Describe safe working practices for lifting appliances used in rigging systems.

<b>Planned review date</b>	31 December 2022
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### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	28 September 2017	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0099
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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 Skills Active Aotearoa Limited [info@skillsactive.org.nz](mailto:info@skillsactive.org.nz) if you wish to suggest changes to the content of this unit standard.