

<b>Title</b>	<b>Plan and prepare advanced rigging work</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>40</b>

<b>Purpose</b>	People credited with this unit standard are able, for advanced rigging work, to: plan; select; inspect; repair materials and tools; and coordinate transport to and from site.
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<b>Classification</b>	Lifting Equipment > Rigging
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<b>Available grade</b>	Achieved
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**Guidance Information**

- 1
  - a Rigging is defined in the Approved Code of Practice for Load-Lifting Rigging, available online under ‘publications’ at <http://www.osh.govt.nz> and issued pursuant to the Health and Safety in Employment Act 1992 (HSE).
  - b All outcomes are to be satisfied in the workplace environment(s) or equivalent.
- 2 All tasks are carried out in accordance with the designer’s requirements and enterprise procedures based on industry requirements in:
  - a Quality management systems.
  - b Health and safety requirements and guidelines relating to unit standards.
  - c Manufacturer’s operating instructions.
  - d Government and Local Government legislation, regulations and bylaws.
- 3 Those undertaking assessment against this unit standard should note that work in the rigging industry can take place at heights well above ground level, and therefore requires a relevant level of physical fitness and ability to work at heights.
- 4 The range statement which applies to the whole unit standard and defines advanced is as follows:  
The equipment range is to include work associated with: movement of plant and equipment; steel erection; all hoists; placement of pre-cast concrete; static lines and fall arrest systems; mast climbers; perimeter safety screens and shutters; cantilevered crane loading platforms fixed to the building and/or structure; rigging of cranes; conveyors; dredges and draglines; tilt-slabs; dismantling; dual lifts; rigging of gin poles; shear legs; flying foxes and cableways; guyed derricks and structures; suspended scaffolds; and fabricated hung scaffolds.

**Outcomes and performance criteria**

**Outcome 1**

Plan an advanced rigging job.

**Performance criteria**

- 1.1 Site plans and drawings are interpreted in accordance with industry practices.
- Range work specifications; hazards – overhead, on-ground, underground; load moving equipment.
- 1.2 Line drawings and site sketches are prepared in accordance with enterprise procedures.
- Range marking plans, material schedules, site access and egress, site dimensions.
- 1.3 Mass and dimensions of load are determined and confirmed in accordance with HSE code of practice and enterprise procedures.
- 1.4 Job feasibility and schedule are checked with enterprise nominated person in accordance with HSE code of practice and enterprise procedures.
- 1.5 Job is planned in accordance with HSE code of practice and equipment manufacturers' specifications.
- Range job method and sequence, hazard prevention and/or control measures, safety procedures, coordination with site personnel, materials, tools and equipment, approvals for work and persons.
- 1.6 Existence of instructions from the load designer is checked, and designer is consulted for instructions for more complex load movement tasks where written instructions are not provided.

**Outcome 2**

Select, inspect, and repair materials and tools.

**Performance criteria**

- 2.1 Rigging equipment, materials, and tooling are inspected, and damaged or worn items are repaired or rejected in accordance with HSE code of practice and enterprise procedures.
- 2.2 Alteration of standard equipment, materials, and tooling is done or arranged for the job in accordance with HSE code of practice and enterprise procedures.
- 2.3 Special equipment for the job is manufactured in accordance with HSE code of practice and enterprise procedures.
- 2.4 Safe working loads and rigging gear are prepared in accordance with manufacturers' specifications.

**Outcome 3**

Coordinate transport of equipment to and from site.

**Performance criteria**

- 3.1 Equipment and tooling is loaded on transport in the sequence required for erection or dismantling of job in accordance with enterprise procedures.
- 3.2 Load is prepared in a manner to prevent injury to personnel and damage to components in transit in accordance with enterprise procedures.

<b>Replacement information</b>	This unit standard was replaced by unit standard 31815.
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**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	18 June 1995	31 December 2021
Revision	2	24 April 1999	31 December 2021
Revision	3	20 May 2002	31 December 2021
Review	4	23 March 2006	31 December 2021
Review	5	27 June 2019	31 December 2021

<b>Consent and Moderation Requirements (CMR) reference</b>	0183
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.