

Title	Plan, inspect and transport intermediate rigging equipment		
Level	4	Credits	5

Purpose	People credited with this unit standard are, for intermediate rigging work, able to: plan a job; select, inspect and repair rigging equipment, materials and tools; and coordinate transport of equipment to and from site.
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Classification	Lifting Equipment > Core Rigging
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Available grade	Achieved
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Guidance Information

- 1 *Rigging* - as defined in the *Approved Code of Practice for Load-Lifting Rigging*
- 2 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
all subsequent amendments and replacements.
- 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 physical fitness and ability to work at heights.
- 4 The range statement which applies to the whole unit standard and defines intermediate is as follows:

The equipment range is to include work associated with: movement of plant and equipment; steel erection; placement of precast concrete; static lines and fall arrest systems; mast climbers; and perimeter safety screens and shutters.

The equipment range is to exclude work including use of: load equalising gear; rigging of cranes; conveyors; dredges and draglines; tilt-slabs; all hoists; dismantling; dual lifts; rigging of gin poles and shear legs; flying foxes and cableways; guyed derricks and structures; scaffolds.

Outcomes and performance criteria

Outcome 1

Plan a rigging job.

Performance criteria

- 1.1 Site plans and drawings are interpreted.
- Range work specifications; hazards – overhead, on-ground, underground; load moving equipment.
- 1.2 Line drawings and site sketches are prepared.
- Range marking plans, material schedules, site access and egress, site dimensions.
- 1.3 Mass and dimensions of load are determined and confirmed.
- 1.4 Job feasibility and schedule are checked with site supervisor.
- 1.5 Job is planned.
- 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 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 rigging equipment, materials and tools.

Performance criteria

- 2.1 Rigging equipment, materials, and tools are inspected, and damaged or worn items are repaired or rejected.
- 2.2 Alteration of standard equipment, materials, and tools is done or arranged for the job.
- 2.3 Special equipment for job is assembled.
- 2.4 Safe working loads are obtained from site supervisor and rigging gear is prepared in accordance with manufacturers' specifications.

Outcome 3

Coordinate transport of equipment and tools to and from site.

Performance criteria

- 3.1 Load is prepared in a manner to prevent injury to personnel and damage to components in transit.
- 3.2 Equipment and tools are loaded on transport in the sequence required for erection and/or dismantling of job.

Planned review date	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	18 June 1995	31 December 2019
Review	2	27 June 1996	31 December 2019
Revision	3	20 April 1999	31 December 2019
Revision	4	20 May 2002	31 December 2020
Review	5	23 March 2006	31 December 2020
Review	6	24 January 2019	N/A

Consent and Moderation Requirements (CMR) reference	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 if you wish to suggest changes to the content of this unit standard.