

Title	Plan, select and coordinate transport of intermediate rigging work		
Level	4	Credits	5

Purpose	People credited with this unit standard, for intermediate rigging work, are able to: plan, select, inspect, and repair rigging equipment, materials and tools; and coordinate transport of the equipment and tools 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 is 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
 - d 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 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 intermediate is as follows:

The range is to include work associated with: movement of plant and equipment; steel erection; all hoists, placement of precast 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; and dual lifts.

The range is to exclude work including use of: rigging of gin poles and shear legs; flying foxes and cableways; guyed derricks and structures; scaffolds.

Outcomes and performance criteria

Outcome 1

Plan an intermediate rigging job.

Performance criteria

- 1.1 Site plans and drawings are interpreted in accordance with industry standards.
- 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 in accordance with industry good 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 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 the job is assembled.
- 2.4 Safe working loads are calculated by supervisor, and rigging gear is prepared in accordance with manufacturers' specifications.

Outcome 3

Coordinate transport of the 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 or dismantling 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 2018
Revision	2	20 April 1999	31 December 2018
Revision	3	20 May 2002	31 December 2020
Review	4	23 March 2006	31 December 2020
Review	5	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.