

Title	Demonstrate knowledge of the care and handling of cargo lifting equipment and safe slinging of loads		
Level	2	Credits	3

Purpose	People credited with this unit standard are able to: describe the care and handling of cargo lifting equipment; and demonstrate knowledge of safe slinging of loads for cargo operations.
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Classification	Stevedoring and Ports Industry > Cargo Operations
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Available grade	Achieved
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Guidance Information

- 1 Legislative and regulatory requirements relevant to this unit standard include – Health and Safety at Work Act 2015;
Approved Code of Practice for Load Lifting Rigging, available at [Load lifting and rigging | WorkSafe](#).
- 2 Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.
- 3 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with company requirements, legislative requirements and regulatory requirements.
- 4 Definitions
Company requirements refer to instructions to staff on policy and procedures that are available in the workplace. These requirements may include – company policies and procedures, work instructions and legislative requirements.
An irregular load does not have any of the characteristics of a regular load and may have one or more of the following characteristics: unequal weight distribution, irregular shape and proportions, with or without set lifting points.
A regular load has one or more of the following characteristics: uniform weight distribution, regular proportions, known lifting points, frequently lifted.
Regulatory requirements refer to regulations set by but not limited to the New Zealand Customs Service, Ministry for Primary Industries and WorkSafe New Zealand.

Outcomes and performance criteria

Outcome 1

Describe the care and handling of cargo lifting equipment.

Performance criteria

- 1.1 Defects that render lifting equipment unsafe are described.

Range lifting equipment includes – wire ropes, non-wire ropes, chains, web slings, cargo nets, hooks, shackles, spreader bars, shortening clutches.
- 1.2 Care and handling practices that help maintain the safe working condition of cargo lifting equipment are described.

Outcome 2

Demonstrate knowledge of safe slinging of loads for cargo operations.

Performance criteria

- 2.1 The method used to determine the weight of a lift is described.
- 2.2 The location of safe working load information for lifting equipment is identified.

Range lifting equipment includes – wire ropes, non-wire ropes, chains, web slings, cargo nets, hooks, shackles, spreader bars, shortening clutches.
- 2.3 Safe working loads for various slings are calculated.

Range a minimum of six slings using different combinations of – wire rope, chain, flat web; one leg, two legs, three legs, four legs; 120°, 90°, 60° or less; straight lift, basket hitch, choke hitch.
- 2.4 Safe and unsafe practices for slinging regular and irregular loads are described.

Planned review date	31 December 2024
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	26 July 2003	31 December 2023
Rollover and Revision	2	19 June 2009	31 December 2023
Revision	3	18 September 2009	31 December 2023
Rollover and Revision	4	17 September 2015	31 December 2023
Review	5	24 February 2022	N/A

Consent and Moderation Requirements (CMR) reference

0014

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

Comments on this unit standard

Please contact Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council qualifications@hangaarorau.nz if you wish to suggest changes to the content of this unit standard.