

Title	Operate a lift truck for cargo operations		
Level	3	Credits	6

Purpose	People credited with this unit standard are able to: describe factors affecting the operation of a lift truck for cargo operations; prepare for cargo operations with a lift truck; transport cargo to and from designated positions in the yard operational area with a lift truck; and pick up and set down units of cargo to and from a stack in a confined space.
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Classification	Stevedoring and Ports Industry > Port Machinery Operations
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Available grade	Achieved
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Prerequisites	Driver licence for weight and load of lift truck used; F driver licence endorsement.
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Guidance Information

- Legislative and regulatory requirements relevant to this unit standard include – Health and Safety at Work Act 2015;
Approved Code of Practice for Training Operators and Instructors of Powered Industrial Lift Trucks, available at <https://www.worksafe.govt.nz/assets/dmsassets/zero/215WKS-1-forklifts-ACOP-training-operators-and-instructors-of.pdf>;
Approved Code of Practice for Health and Safety in Port Operations, available at [Health and safety in port operations | WorkSafe](#);
New Zealand Port and Harbour Marine Safety Code, available at [New Zealand Port and Harbour Marine Safety Code - Maritime NZ](#).
- 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.
- 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.
- Definitions
Attachment, for the purpose of this unit standard, refers to forks, a side lifter, a top lifter, or other means of holding the load, whether removable or an integral part of the lift truck.

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.

Lift truck refers to a powered industrial lift truck of any size or configuration.

Examples are forklift, lift truck with side lifter, lift truck with top lifter, and pallet jack.

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 factors affecting the operation of a lift truck for cargo operations.

Performance criteria

- 1.1 Factors that impact on the safe speed and manoeuvring of a lift truck in a port terminal environment are described.
 - Range surface, weather, visibility, obstructions, other area users, lift truck capabilities, load, speed limits.
- 1.2 Company procedures to be followed when a breakdown occurs and when an emergency occurs are described.
- 1.3 Company radio channel allocations for working, emergency, and others that may apply are described.
- 1.4 Operational area and storage positions are described.

Outcome 2

Prepare for cargo operations with a lift truck.

Performance criteria

- 2.1 Pre-operational check, including correct attachment for the type of load, is carried out.
- 2.2 Start-up procedures are carried out.
- 2.3 Communications are established with other personnel involved in cargo operations.
 - Range communications may include – radio, radio data transfer (RDT) equipment, hand signals, voice.
- 2.4 Work area hazards are identified before operations start.

Outcome 3

Transport cargo to and from designated positions in the yard operational area with a lift truck.

Performance criteria

- 3.1 Cargo is picked up from, moved to, and set down in designated positions.
- 3.2 Cargo details and movement data are received and acknowledged and are sent using RDT equipment or radio.
- 3.3 Hazards are reported.

Outcome 4

Pick up and set down units of cargo to and from a stack in a confined space.

Performance criteria

- 4.1 Loads to be lifted are checked to be within the rated lifting capacity of the lift truck.
- 4.2 Left and right approaches that involve turns of at least 90 degrees, and travel from pick up to set down positions are carried out.
- 4.3 Cargo stack is kept stable and aligned at all times in accordance with the stow plan or other instructions.

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
Review	2	19 September 2008	31 December 2023
Rollover and Revision	3	17 September 2015	31 December 2023
Review	4	24 February 2022	N/A

Consent and Moderation Requirements (CMR) reference	0014
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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 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.