

<b>Title</b>	<b>Demonstrate knowledge of, and carry out surveying of ISO containers in a port environment</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>12</b>

<b>Purpose</b>	People credited with this unit standard are able to demonstrate knowledge of ISO container components and surveying ISO containers and carry out surveying of ISO containers in a port environment.
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<b>Classification</b>	Stevedoring and Ports Industry > Cargo Operations
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable service information, and company requirements and legislative requirements.
- 2 Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to –
  - *Code of Practice for Health and Safety in Port Operations* available at <https://worksafe.govt.nz/>
  - Health and Safety at Work Act 2015; and any subsequent amendments and replacements.
- 3 Definitions
 

*CEDEX* refers to Container Equipment Data Exchange.

*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, product quality specifications and legislative requirements.

*Repair* refers to action taken to repair defects.

*Service information* may include – technical information for a vehicle, machine, or product detailing operation; installation and servicing procedures; manufacturer instructions; technical terms and descriptions; and detailed illustrations.

*Surveying* refers to the judgement of a containers condition by checking the container and components for damage, wear and improper repairs. Surveying includes inspecting for cleanliness.

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### Outcomes and performance criteria

#### Outcome 1

Demonstrate knowledge of ISO container components.

**Performance criteria**

- 1.1 ISO container components are identified.
- Range evidence of five different components for each of reefer and dry containers is required.
- 1.2 Location of container components are identified.
- Range evidence of five different locations of components for each of reefer and dry containers is required.
- 1.3 CEDEX location codes on a damaged container are identified.
- Range evidence of five CEDEX codes are required.

**Outcome 2**

Demonstrate knowledge of surveying ISO containers in a port environment.

**Performance criteria**

- 2.1 Processes for surveying containers are described.
- Range inspection method, working at heights, understructure, bio-security, hazardous chemical residue, safe working environment.
- 2.2 Customer criteria and limitations are described.
- 2.3 Tools for measuring damage are identified.
- 2.4 Methods of repair are described.

**Outcome 3**

Carry out surveying of ISO containers in a port environment.

Range evidence of two reefer and two dry containers is required.

**Performance criteria**

- 3.1 Survey requirements are identified from the customers criteria.
- 3.2 Containers are inspected in accordance with customer criteria and limitation parameters.
- 3.3 Location of damages are recorded using CEDEX codes.
- 3.4 Recommendation for repairs are identified.

- 3.5 Estimate container repairs in accordance with customer allowable hours and material (AHAM).

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<b>Planned review date</b>	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	1 November 2018	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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 MITO New Zealand Incorporated [info@mito.org.nz](mailto:info@mito.org.nz) if you wish to suggest changes to the content of this unit standard.