

<b>Title</b>	<b>Operate heavy port machinery</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>30</b>

<b>Purpose</b>	People credited with this unit standard are able to start up, operate, shut down and demonstrate operator maintenance checks for heavy port machinery.
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<b>Classification</b>	Stevedoring and Ports Industry > Port Machinery Operations
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<b>Available grade</b>	Achieved
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<b>Entry information</b>	
<b>Recommended skills and knowledge</b>	Unit 28902, <i>Demonstrate knowledge of faults and the preparation required to operate heavy port machinery</i> ; Unit 28903, <i>Demonstrate knowledge of the safe operation of heavy port machinery</i> .

## Explanatory notes

- Legislation and formal requirements relevant to this unit standard may include the following Acts and Regulations:
  - Health and Safety at Work Act 2015;
  - Approved Code of Practice for Health and Safety in Port Operations* available at <http://www.worksafe.govt.nz>;
  - General Harbour (Ship, Cargo, and Dock Safety) Regulations 1968 available at [http://www.nzlii.org/nz/legis/num\\_reg/ghcadsr1968463/](http://www.nzlii.org/nz/legis/num_reg/ghcadsr1968463/);
  - International Maritime Dangerous Goods Code available from <http://www.imo.org>;
  - Part 24a Maritime Rule available from <http://www.maritimenz.govt.nz/rules/part-24A/>, and port bylaws.

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
- Definition  
*Company policies and procedures* refers to relevant workplace documents which are current and accessible to candidates, trainers, and assessors, and which comply with legal requirements.

- 3 Range  
This standard is for heavy port machinery that exceeds 10 tonne working load capacity.  
Evidence is required for three machines of a different make or model.
- 4 Competence in this standard is not a licence to operate. Machine specific licencing and induction is required.

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## Outcomes and evidence requirements

### Outcome 1

Start up heavy port machinery in accordance with company policies, procedures, and machine specifications.

#### Evidence requirements

- 1.1 Safe methods are used to enter the machine control position.
- 1.2 Machine is started.
- 1.3 Gauges and warning symbols are checked during warm-up.
- 1.4 Controls are tested as functioning before being operated.

### Outcome 2

Operate heavy port machinery in accordance with company policies, procedures, and machine specifications.

#### Evidence requirements

- 2.1 Machine safety procedures are adhered to.
- 2.2 A visual check of the immediate area is carried out before commencing any operations.
- 2.3 Gauges and warning devices are monitored and any corrective action taken.
- 2.4 Operation of machine is smooth and controlled.
- 2.5 Operational communication with other personnel is maintained.
- 2.6 Operation avoids damage to the machine and cargo.

### Outcome 3

Shut down heavy port machinery in accordance with company policies, procedures, and machine specifications.

## Evidence requirements

- 3.1 Machinery is placed in a safe position in preparation for shut down.
- 3.2 Machinery shut down.
- 3.3 Power source is shut down and isolated or secured.

## Outcome 4

Demonstrate operator maintenance checks for heavy port machinery in accordance with company policies and procedures.

## Performance criteria

- 4.1 Machinery operator maintenance checks and reporting requirements are followed.

<b>Planned review date</b>	31 December 2022
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## Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	17 September 2015	31 December 2019
Review	2	18 May 2017	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>.

## Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMRs). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

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**Comments on this unit standard**

Please contact the NZ Motor Industry Training Organisation (Incorporated) (MITO) [info@mito.org.nz](mailto:info@mito.org.nz) if you wish to suggest changes to the content of this unit standard.