

Title	Demonstrate knowledge of faults and the preparation required to operate heavy port machinery		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to demonstrate knowledge of faults and resultant actions, and the preparation required to operate heavy port machinery.
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Classification	Stevedoring and Ports Industry > Port Machinery Operations
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Available grade	Achieved
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Explanatory notes

- 1 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/;
 - 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.
- 2 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.

Outcomes and evidence requirements

Outcome 1

Demonstrate knowledge of faults and machine isolation for heavy port machinery.

Evidence requirements

- 1.1 Types of faults are explained in terms of impact on machine functionality.
Range minimum of five is required.
- 1.2 Fault reporting is described in accordance with company policies and procedures.
- 1.3 Machine isolation is explained in accordance with company policies and procedures.

Outcome 2

Demonstrate knowledge of the preparation required to operate heavy port machinery.

Evidence requirements

- 2.1 Pre-operational checks are described in accordance with company policies and procedures.
- 2.2 Start-up procedures are described in accordance with company policies and procedures.
- 2.3 Communication checks required between operational personnel are described in accordance with company policies and procedures.
- 2.4 Potential work area hazards are identified and control measures described in accordance with company policies and procedures.

Planned review date	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

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>.

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.

Comments on this unit standard

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