



Australian Government

MARC029 Perform rigging on board a vessel

Release: 1

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Modification History

Release 1. New unit of competency.

Application

This unit involves the skills, knowledge required to perform basic rigging operations and to use associated equipment in the maritime industry.

This unit applies to an Integrated Rating or Able Seafarer-Deck who applies safe work practices when undertaking basic rigging on a range of vessels.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

C – Equipment Operations

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Rig and maintain personnel and pilot access ways

2 Perform tasks aloft and over vessel's

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

1.1 Personnel access equipment is correctly rigged according to shipboard practices and recognised standards

1.2 Requirements and recommendations for safe access by alternative means are identified and organised, according to shipboard practices and recognised standards

2.1 Site and equipment for working aloft and over the side are prepared according to shipboard practices and recognised

side	standards
	2.2 Required precautions are taken when working aloft or over the side
	2.3 Chairs, stages, safety harnesses and appropriate safety equipment are used, according to shipboard practices and recognised standards
	2.4 Portable ladders are correctly used and maintained
	2.5 Equipment used when working aloft and over the side is correctly maintained and stored
3 Lash and secure cargo	3.1 Lashing equipment is inspected and maintained according to shipboard practices and recognised standards
	3.2 Faulty lashing equipment is identified and isolated, reported and maintained according to shipboard practices and recognised standards
	3.3 Cargo is lashed and secured according to shipboard practices and recognised standards
	3.4 Appropriate consideration is given to effects of vessel's motion on stowed cargo when lashing cargo
	3.5 Lashing equipment is correctly stored after use
	3.6 Loads are correctly rigged using appropriate ropes and rigging gear, according to procedures and safety requirements

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions can be found in the Companion Volume Implementation Guide.

Personnel access equipment includes one or

- accommodation ladders
- brows

- more of the following:
- gangways
 - man baskets
 - pilot ladders
 - combined pilot accommodation ladders and pilot hoists
- Cargo to be lashed includes one or more of the following:
- containers
 - general cargo
 - roll-on-roll-off vehicles
 - timber deck cargo

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=772efb7b-4cce-47fe-9bbd-ee3b1d1eb4c2>