

Title	Assist with port mooring operations		
Level	2	Credits	2

Purpose	People credited with this unit standard are able to: demonstrate knowledge of mooring and unmooring; prepare for mooring and/or unmooring; assist with mooring a vessel; and assist with unmooring a vessel.
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Classification	Stevedoring and Ports Industry > Cargo Operations
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Available grade	Achieved
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Guidance Information

- 1 Legislative and regulatory requirements relevant to this unit standard include – Health and Safety at Work Act 2015; Maritime Transport Act 1994; *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](#).
- 2 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.
- 3 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.
- 4 Definitions
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.
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

Demonstrate knowledge of mooring and unmooring.

Performance criteria

1.1 Mooring terms are explained.

Range bow line, breast line, stern line, storm rope, spring line, heaving line, pennant, rope tail, bollard, dipping the eye, singling up, bight, snatching, snap back zone.

1.2 Hazards relevant to mooring operations are described in terms of their consequences and control.

Range poor lighting, wind gusts, slippery surface, wharf obstructions, vehicles and machinery, non-authorized personnel, heaving line weights, unsafe positions in relation to lines under tension and coming under tension, poor body posture, caught lines, snags in wires, moving ropes on and off bollards, miscommunication.

Outcome 2

Prepare for mooring and/or unmooring.

Performance criteria

2.1 A check is made to ensure lines equipment is present and in good order.

2.2 Working area is checked for significant hazards before work is carried out.

Range significant hazards may include – poor lighting, slippery surface, non-authorized personnel, vehicles and machinery, wharf obstructions.

2.3 Any significant hazards are immediately reported to the person in charge of the operation.

Outcome 3

Assist with mooring a vessel.

Performance criteria

3.1 Heaving line is safely retrieved after landing on the wharf.

3.2 With safe body posture and care of hands, the ship's mooring lines are brought to the wharf and placed over the bollards to enable lines to be let go in the sequence directed by the person in charge.

3.3 Heaving line is thrown from the wharf to the vessel, as directed by the person in charge.

3.4 Heaving lines and rope tails are checked to be clear of eye and bollards.

3.5 Danger from lines under tension and coming under tension is avoided.

3.6 Teamwork and communication are demonstrated.

Outcome 4

Assist with unmooring a vessel.

Performance criteria

- 4.1 With safe body positioning and care of hands, ship's mooring lines are removed from bollards in the sequence directed by the person in charge.
- 4.2 Danger from lines under tension and coming under tension is avoided.
- 4.3 Teamwork and communication are demonstrated.

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 November 1997	31 December 2023
Revision	2	23 April 1999	31 December 2023
Revision	3	10 April 2000	31 December 2023
Review	4	26 July 2003	31 December 2023
Rollover and Revision	5	18 September 2009	31 December 2023
Rollover and Revision	6	17 September 2015	31 December 2023
Review	7	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.