



Australian Government

RIIPEO204D Conduct shore side mooring operations

Release: 2

RIIPEO204D Conduct shore side mooring operations

Modification History

Release	Comment
1	This unit replaces RIIPEO204A Conduct shore side mooring operations
2	Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm.

Application

This unit describes a participant's skills and knowledge required to conduct shore side mooring operations in Metalliferous mining.

This unit is appropriate for those working in operational roles.

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

Unit Sector

Metalliferous mining

Elements and Performance Criteria

1. Plan and prepare for shore side mooring operations	1.1 Access, interpret and apply shore side mooring operations documentation and ensure the work activity is compliant 1.2 Receive, interpret and clarify and confirm details of mooring operations tasks to be performed by the mooring crew 1.3 Select and wear personal correct protective equipment 1.4 Identify, address and report potential hazards to personnel, infrastructure, vessel and the environment 1.5 Ensure that all associated equipment is available and in allocated position ready for securing ship 1.6 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency
2. Berth vessel	2.1 Communicate clearly and in a timely manner with personnel

	using approved communication methods 2.2 Receive instructions from shipping officer and carry out procedure for securing the vessel 2.3 Ensure that all safety procedures and practices are followed
3. Release vessel	3.1 Communicate clearly and in a timely manner with personnel using approved communication methods 3.2 Receive instructions from shipping officer for sequence of ships lines to be released 3.3 Release ships lines 3.4 Ensure that all safety precautions and procedures are followed

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit. Further information is available in the Resources and Infrastructure Industry Training Package Companion Volume.

Unit Mapping Information

RIIPEO204A Conduct shore side mooring operations

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>

Assessment Requirements for RIIPEO204D Conduct shore side mooring operations

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Performance Evidence

Evidence is required to be collected that demonstrates a candidate's competency in this unit. Evidence must be relevant to the roles within this sector's work operations and satisfy all of the requirements of the performance criteria of this unit and include evidence that the candidate:

- locates and applies relevant documentation, policies and procedures
- works effectively with others to undertake and complete shore side mooring operations that meets all of the required outcomes including:
 - using a range of communications techniques and equipment to convey information to others
 - maintaining written and verbal reporting requirements and procedures
 - communicating to confirm work requirements
- demonstrates completion of shore side mooring operations that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - operating equipment, electric capstan winches, safety hooks & quick release hooks
 - completing berthing vessel operations on 3 separate occasions in different conditions
 - completing releasing vessel operations on 3 separate occasions in different conditions

Knowledge Evidence

The candidate must demonstrate knowledge in conducting shore side mooring operations through:

- isolation devices — type and purpose
- accessing, interpreting and applying technical information

- accurate record keeping
- plant status
- equipment associated with mooring operations
- relevant operational and maintenance procedures and associated documentation

Assessment Conditions

- An assessor of this unit must satisfy the requirements of the NVR/AQTF or their successors; and Industry regulations for certification and licensing; and,
- this unit must be assessed in the context of this sector's work environment; and,
- this unit must be assessed in compliance with relevant legislation/regulation and using policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed; and,
- assessment may be conducted in conjunction with the assessment of other Units of Competency; and,
- assessment must confirm consistent performance can be applied in a range of relevant workplace circumstances; and,
- assessors must demonstrate the performance evidence, and knowledge evidence as outlined in this Unit of Competency, and through the minimum years of current* work experience specified below in an Industry sector relevant to the outcomes of the unit; or,
- where the assessor does not meet experience requirements a co-assessment or partnership arrangement must exist between the qualified assessor and an Industry subject matter expert. The Industry subject matter expert should hold the unit being assessed (or an equivalent unit) and/or demonstrate equivalence of skills and knowledge at the unit level. An Industry technical expert must also demonstrate skills and knowledge from the minimum years of current work experience specified below in the Industry sector, including time spent in roles related to the unit being assessed; and,
- assessor and Industry subject matter expert requirements differ depending on the Australian Qualifications Framework Level (AQF) of the qualification being assessed and/or Industry Sector as follows:

Industry sector	AQF** Level	Required assessor or Industry subject matter expert experience
Drilling, Metalliferous Mining, Coal Mining, Extractive (Quarrying) and Civil Construction	1	1 Year
	2	2 Years
Drilling, Coal Mining and Extractive (Quarrying)	3-6	3 Years
Metalliferous Mining and Civil Construction	3-6	5 Years
Other sectors	Where this Unit is being assessed outside of the Resources and Infrastructure Sectors	

	assessor and/or Industry subject matter expert experience should be in-line with industry standards for the sector in which it is being assessed and where no Industry standard is specified should comply with any relevant regulation.
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*Assessors can demonstrate current work experience through employment within Industry in a role relevant to the outcomes of the Unit; or, for external assessors this can be demonstrated through exposure to Industry by conducting frequent site assessments across various locations.

**Where a unit is being delivered outside of a Qualification the first numeric character in the Unit code should be considered to indicate the AQF level

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