

Qualification Unit

This unit forms part of a regulated qualification.

Unit Title: Control Vessel Mooring, Anchoring and Securing Operations

Unit Reference Number: J/651/5446

Level: Three (3)

Credit Value: Four (4)

Minimum Guided Learning Hours: 20

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Be able to anchor the vessel	1.1 Prepare for anchoring in accordance with recognised procedures
	1.2 Control anchoring operations in accordance with organisational procedures
	1.3 Secure anchors after operations anchoring in accordance with vessel's procedures
2. Be able to moor the vessel	2.1 Prepare for mooring in accordance with recognised procedures
	2.2 Control mooring operations in accordance with safe working practices
	2.3 Let go moorings operations in accordance with safe working practices
	2.4 Shift the vessel in accordance with recognised procedure
	2.5 Ensure equipment is properly stowed and secured on completion of operations
3. Be able to provide safe access to the vessel	3.1 Control the rigging of access arrangements in accordance with statutory requirements
4. Be able to control the watch while at anchor or moored	4.1 Communicate instructions to personnel
	4.2 Confirm instructions are understood
	4.3 Control the watch in accordance with guidelines

	4.4	Take relevant action if problems arise with anchoring, mooring, watch or securing operations
	4.5	Maintain effective safe working practices during operations
5. Know the equipment used for anchoring, mooring and access to the vessel	5.1	Describe the common types of anchors, cables and associated gear
	5.2	Explain mooring terminology and mooring systems used
	5.3	Explain the characteristics, safe handling and use of mooring ropes
	5.4	Describe rigging and safety requirements for safe access
6. Know how to control operations	6.1	Explain safety precautions to be observed during anchoring, mooring and securing operations
	6.2	Explain how to direct the anchor party in bringing the vessel to a single anchor
	6.3	Explain how to conduct a deck watch alongside or at anchor
7. Know how to prepare a vessel for sea	7.1	Explain how to confirm vessel openings are closed for sea
	7.2	Explain how to confirm objects on board are secured for sea
	7.3	Explain preparations for heavy weather
8. Know how to apply relevant health safety and environmental requirements	8.1	Explain the application of statutory regulations
	8.2	Explain the application of organisational instructions and guidelines
	8.3	Explain the application of vessel contingency plans