

Qualification Unit

This unit forms part of a regulated qualification.

Unit Title: Introduction to Vessel Stability and Construction

Unit Reference Number: F/503/4166

Level: Level One (1)

Credit Value: Three (3)

Minimum Guided Learning Hours: 30

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Know why a vessel floats	1.1 State what is meant by displacement and buoyancy
	1.2 State what is meant by centre of gravity
	1.3 State why it is important to maintain the watertight integrity of a hull
	1.4 Identify 3 construction features for maintaining the watertight integrity of a hull
2. Understand the basic principles of subdivision of the hull	2.1 Describe the effect of a subdivision compartment(s) being holed
	2.2 Identify main subdivision compartments
3. Know common nautical terms	3.1 State what is meant by various nautical terms: <ul style="list-style-type: none"> a) Port b) Starboard c) Forward/Bow d) Aft/Stern e) Midships f) Overall Length g) Beam h) Draft i) Freeboard

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| <p>4. Know the main structural features of a vessel</p> | <p>4.1 Identify the following structural features of a vessel:</p> <ul style="list-style-type: none">a) Main/Weather Deckb) Bulkhead Deckc) Bulkheadsd) Deckse) Hold and Hatchesf) Storage Compartmentsg) Tanksh) Bridge/Wheelhousei) Engine Compartment/Room and Other Machinery Spacesj) Superstructure |
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