



Regulated Qualifications Unit and Assessment Specification

Unit title	Contribute to Vessel Stability and Watertight Integrity
Regulator unit code	M/616/7337
SQA unit code	H3LR 57
SSC ref	Unit 43

History of changes

Publication date: March 2013

Version: 02 (December 2017)

Version number	Date	Description	Authorised by
02	December 2017	Unit Specification updated to reflect current Ofqual terminology.	Qualifications Officer

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Regulated qualifications unit specification

Title	Contribute to Vessel Stability and Watertight Integrity	
Level	3	
Credit value	8	
Outcomes	Assessment criteria	
The learner will:	The learner can:	
1 Be able to ensure watertight integrity of a vessel.	1.1 Perform relevant actions to maintain watertight integrity in accordance with established best practice	1.2 Monitor watertight integrity.
	1.3 Establish the watertight integrity of a vessel in accordance with legislation	1.4 Instruct crew to ensure vessel procedures are fully met
	1.5 Provide information for maintaining accurate records relating to watertight integrity.	
2 Be able to establish the stability of a vessel.	2.1 Perform relevant actions to maintain stability in accordance with established best practice	2.2 Contribute to ensuring a vessel's weight distribution maintains the stability and stress condition within safe limits.
	2.3 Monitor vessel stability	2.4 Establish that stability of a vessel is maintained in accordance with legislation
	2.5 Instruct crew to ensure vessel procedures are fully met	2.6 Provide information for maintaining accurate records relating to stability
3 Understand how to maintain seaworthiness of a vessel.	3.1 Explain how to maintain seaworthiness in accordance with legislation and vessel procedures.	3.2 Explain how to apply the basic principles of ship stability

Outcomes		Assessment criteria	
The learner will:		The learner can:	
4	Understand regulations relating to vessel stability and watertight integrity.	4.1	Summarise statutory regulations on stability and watertight integrity
		4.2	Explain guidelines on stability and watertight integrity
5	Understand organisational requirements relating to stability and watertight integrity.	5.1	Explain organisational instructions and guidance on stability and watertight integrity.
		5.2	Explain vessel contingency plans for stability and watertight integrity.

Additional information about the unit
Unit purpose and aim(s)
Covers competence of person at operational level to contribute to stability and watertight integrity of any size of vessel operating in any operational area.
Unit start date
01/10/2010
Details of the relationship between the unit and relevant national occupational standards (if appropriate)
MNTB NOS (Jan 2006) — A01 Contribute to the stability and watertight integrity of a vessel A02 Ensure the stability and watertight integrity of a vessel
Details of the relationship between the unit and other standards or curricula (if appropriate)
Seafarer's Training, Certification and Watchkeeping Code.
Assessment requirements specified by a sector or regulatory body (if appropriate)
Maritime Skills Alliance's Assessment Strategy and Maritime and Coastguard Agency requirements.
Endorsement of the unit by a sector or other appropriate body (if required)
Maritime Skills Alliance
Location of the unit within the subject/sector classification system
4.3 Transportation Operations and Maintenance
Name of the organisation submitting the unit
Skills for Justice
Guided learning hours
65

Regulated qualifications assessment specification

Assessment (evidence) requirements

The following evidence is required to demonstrate that learners have the appropriate level of knowledge to undertake contribute to vessel stability and watertight integrity. All outcomes and assessment criteria must be achieved.

Written and/or recorded oral evidence produced either on or off-the-job is required for the following:

- ◆ Outcomes 3, 4 and 5

Assessment evidence in the workplace or in an appropriate simulated environment is required for the following:

- ◆ Outcomes 1 and 2

This could be achieved through the observation of learners undertaking practical exercises.

An approved Maritime Skills Alliance (MSA) approved Training Record Book (TRB) should be used to record evidence of achievement.

Guidance on assessment

Assessment evidence for Outcomes 1 and 2 can be generated using an approved Maritime Skills Alliance (MSA) approved Training Record Book (TRB) and/or practical exercises.

Short answer written questions and/or oral interview could be used for the other outcomes.