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| Overview | This standard covers the competence required to contribute to the stability and watertight integrity of a vessel for all stages of a voyage or operation to be undertaken.  It includes actioning the vessel's stability plans for the required events, instructing the crew and confirming that the outcomes of the plan are as expected. Problems or changes have to be recognised and taken account of.  **Target Group**  This standard applies to individuals at the operational level with responsibility for contributing to stability and watertight integrity of any size vessel working in any operational area. |

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| **Performance criteria**  You must be able to: | 1. ensure the stability and watertight integrity of the vessel is maintained in accordance with established safety rules, regulations and vessel procedures 2. assist in monitoring the stability and watertight integrity of the vessel and take relevant action to maintain them in accordance with established good practice 3. instruct the crew to ensure the vessel procedures are fully met 4. contribute to ensuring the vessel's weight distribution maintains the stability and stress condition within safe limits and defined stability criteria at all times. 5. provide information for maintaining accurate records relating to stability and watertight integrity |

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| Knowledge and understanding  You need to know and understand: | 1. how to maintain seaworthiness of a vessel 2. how to apply the basic principles of ship stability 3. the significant features of a vessel's structure and the names of key parts 4. the application of statutory regulations and guidelines, organisational instructions and guidance and vessel contingency plans |

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| Relevant occupations | navigation officer; engineer; deck officer; able seaman |
| Suite | Maritime |
| Key words | Stability; watertight; integrity; vessel; |