



Australian Government

Assessment Requirements for DEFMIL084 Operate an inland tug boat

Release: 1

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Modification History

Release	Comments
1	These Assessment Requirements were released in DEF Defence Training Package release 1.0 and meet the Standards for Training Packages. Assessment Requirements created drawing upon specified assessment information from superseded unit

Performance Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the candidate must demonstrate evidence of performance of the following on at least one occasion.

- applying launch and recovery procedures
- applying pre start, start and stop procedures
- calculating and record number and weight of passengers, stores and equipment
- capturing and controlling free launched pontoons without damage to equipment
- monitoring hazards and applying safety principles to operations
- reading and interpreting navigation charts
- using clear interpersonal communication as operator of the vessel
- using communications equipment
- using knots and lashings to secure watercraft
- providing directions to personnel within the boat concerning specific safety matters such as seating, movement and actions on incidents such as 'man overboard' and 'capsize'
- managing the contingency and emergency drills:
 - abandon ship drills
 - action on capsize
 - diagnosing and rectifying minor engine faults
 - fire drills
 - man overboard drills
 - propeller replacement
 - towing vessels
 - use of improvised rudder
 - use of oars/improvised oars

- manoeuvring a pontoon, with a minimum weight of five ton, by:
 - towing
 - pushing
 - effectively directing crew

Knowledge Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the depth of knowledge demonstrated must be appropriate to the job context of the candidate.

- anchorage methods and systems
- applicable statutory waterways rules for watercraft operation
- boat orders
- boat specific safety requirements and fire suppressant system
- complete equipment schedule list and locations
- controls and indicators
- effects of water moving over objects and obstacles
- emergency procedures
- environmental hazards of refuelling over water
- forces acting on boats
- hasty buoyancy/floatation calculations
- launch and recovery procedures
- legal responsibilities
- methods for towing/pushing pontoons
- methods of connection/securing to pontoons
- night operation constraints
- operating boundaries
- pre start, start, stop procedures

Assessment Conditions

Competency should be demonstrated over a time frame that allows for the preparation, launch, recovery, driving and maintenance of watercraft under a range of water operating conditions carrying personnel and cargo.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6bdbab1e-11ed-4bc9-9cba-9e1a55d4e4a9>

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