



Australian Government

Assessment Requirements for DEFMIL097 Operate an inland modular raft or ferry

Release: 1

Assessment Requirements for DEFMIL097 Operate an inland modular raft or ferry

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 Assessment Requirements created drawing upon specified assessment information from superseded unit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.

- commanding and controlling crew, passengers and loads
- commanding and navigating the raft or ferry by day and night
- monitoring hazards and applying safety principles to operations
- reading and interpreting navigation charts
- operating the LRV to launch and recover tugs and pontoons
- supervising raft and ferry construction
- using clear interpersonal communication as operator of the vessel
- using knots and lashings
- operating a raft or ferry on various waterways
- managing contingency and emergency actions
- manoeuvring a raft or ferry, with a minimum weight of twenty tonnes

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.

- applicable statutory waterways rules for watercraft operation
- boat specific safety requirements and fire suppressant system
- gap reconnaissance
- hasty buoyancy/floatation calculations
- launch and recovery procedure for the launch and recovery vehicle

- loading procedures and centre of gravity
- effects of water moving over objects and obstacles
- effects of wind on floating objects
- manifest data
- raft and ferry design and construction sequence

Assessment Conditions

Competency should be demonstrated over a time frame that allows for the preparation, launch, recovery, navigation and manoeuvring of a raft or ferry under a range of water operating conditions carrying personnel or cargo, either in the workplace or in a simulated work environment. Specifically, access is required to the following resources:

- tugs and pontoons
- associated equipment and accessories, including cargo crew
- suitable waterways with access to flowing/tidal water

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>

Companion Volume implementation guides are found in VETNet -

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