



Australian Government

DEFEXO215 Operate lightering equipment

Release: 2

DEFEXO215 Operate lighterage equipment

Modification History

Release 2. Modifications made to Assessment Conditions.

Release 1. This is the first release of this unit of competency in the DEF Defence Training Package.

Application

This unit specifies the skills and knowledge required to operate lighterage (also called lightering) ammunition equipment.

It includes the requirement to inspect, operate and maintain the lighter and to communicate with the tug boat operator during towing operations. It also includes completing lighter equipment housekeeping activities.

It does not include the requirement to load or unload the lighter.

This unit applies to persons who are required to operate an ammunition lighter in order to move ammunition.

The skills and knowledge described in this unit must be applied within the legislative, regulatory and policy environment in which they are carried out. Organisational policies and procedures must be consulted and adhered to.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable

Competency Field

Explosive Ordnance

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

- | | |
|---|---|
| 1 Prepare for lighter operations | 1.1 Identify and confirm requirements to operate a lighter in accordance with organisational procedures

1.2 Apply work health and safety (WHS) requirements and recognise safety precautions throughout the operation

1.3 Inspect lighter for safe operation in accordance with organisational procedures

1.4 Identify, obtain and prepare equipment and stores required for operation in accordance with operational guidelines |
| 2 Operate lighter | 2.1 Moor and manoeuvre lighter in accordance with organisational requirements

2.2 Open, close and secure hatches in accordance with work requirements and operational procedures

2.3 Identify and maintain load security and protection throughout the operation

2.4 Establish and maintain communication with tow boat operators throughout the towing operation |
| 3 Maintain lighter | 3.1 Conduct minor repairs and maintenance in accordance with organisational work procedures

3.2 Erect and pull-down bird nets in accordance with operational procedures

3.3 Clean lighter in accordance with safety and organisational guidelines |
| 4 Complete housekeeping activities | 4.1 Maintain equipment and tools in accordance with operational guidelines

4.2 Finalise records and documentation, as required |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to DEFEO215A Operate lighterage equipment.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for DEFEXO215 Operate lighterage equipment

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least one occasion and include:

- applying relevant emergency response procedures
- applying relevant organisational policies and procedures, including work health and safety
- applying relevant security and protection
- completing housekeeping activities
- conducting relevant lighter and equipment inspection, maintenance and repairs
- identifying, selecting and using equipment, stores and tools
- maintaining relevant records and documentation
- preparing for lighter operations
- undertaking operations with lighters, including:
 - mooring and manoeuvring lighters
 - moving and manoeuvring operating lighter
 - operating hatches
 - operating the lighter

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- emergency response procedures
- equipment inspection requirements
- maintenance and repair procedures
- mooring and manoeuvring procedures
- relevant documentation requirements
- relevant legislation, regulatory codes, organisational policies and procedures
- relevant lighter and equipment manufacturer specifications
- relevant marine orders
- security and protection procedures.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations. Where this is not appropriate, assessment must occur in simulated workplace operational situations that reflect workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- acceptable means of simulation assessment
- applicable documentation, including workplace procedures, regulations, codes of practice and operation manuals
- relevant materials, tools, equipment and PPE currently used in industry.

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