



**Australian Government**

# **MARB022 Refuel a vessel**

**Release: 1**

# MARB022 Refuel a vessel

## Modification History

Release 1. This is the first release of this unit of competency in the MAR Maritime Training Package Release 3.0.

## Application

This unit involves the skills and knowledge required to apply safe work practices when refuelling vessels in a marina, including conducting pre-operational checks and completing post-refuelling operations and refuelling documentation.

This unit applies to marina operators who refuel vessels in a marina and on water.

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

## Pre-requisite Unit

Not applicable.

## Competency Field

B – Equipment Checking and Maintenance

## Unit Sector

Not applicable.

## Elements and Performance Criteria

### ELEMENTS

Elements describe the essential outcomes.

#### 1 Plan vessel refuelling

### PERFORMANCE CRITERIA

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

- 1.1 Dangers of volatile fuel liquids and vapours are established and recorded
- 1.2 Precautions for minimising risks associated with volatile liquids are identified and recorded
- 1.3 Safety and environmental requirements for refuelling vessel are identified and recorded
- 1.4 Fuel is selected based on vessel use and manufacturer requirements

- 1.5 Procedures for refuelling are identified and followed established according to workplace procedures and relevant regulations and standards
- 2 Prepare for refuelling**
    - 2.1 Personal protection is identified, accessed and used
    - 2.2 Firefighting and spill response equipment is located and checked, faulty equipment is replaced and faults are reported
    - 2.3 Refuelling equipment is checked and secured according to workplace procedures
    - 2.4 Vessel is positioned and secured for refuelling
    - 2.5 Tank valves are opened as necessary
- 3 Refuel vessel**
    - 3.1 Safety and environmental requirements for refuelling vessel are applied
    - 3.2 Vessel is refuelled according to workplace procedures, and relevant regulations and standards
    - 3.3 Workplace procedures are followed to contain spill and minimise environment or safety dangers
    - 3.4 Fuel levels are checked and if acceptable, refuelling is completed
- 4 Complete refuelling**
    - 4.1 Refuelling equipment is cleaned and stowed according to workplace procedures
    - 4.2 Spillage is cleaned up according to workplace procedures
    - 4.3 Required documentation is completed according to workplace procedures

## 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.

Spill containment includes:

- absorbing materials
- containment booms and portable bunding

Fuels include one or more of the following:

- diesel (distillate)
- kerosene
- liquefied petroleum gas (LPG)
- methylated spirits
- petrol (gasoline) including premixed two stroke fuel

## Unit Mapping Information

No equivalent unit.

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=772efb7b-4cce-47fe-9bbd-ee3b1d1eb4c2>