



Australian Government

Assessment Requirements for PMAOPS317 Undertake ship transfer operations

Release: 1

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Modification History

Release 1. Unit code and title changed. Application and Performance Criteria changed. Range of Conditions removed. Assessment Requirements changed. Supersedes and is equivalent to PMAOPS312 Undertake ship loading/unloading operations.

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit:

- at least 2 times, each in a separate work context which must include one of the following abnormal situations where emergency procedures are applied:
 - a vapour leakage
 - a product leakage
 - a product spill.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- all items on a schematic of the ship loading and/or unloading system, including:
 - principles of operation of plant and equipment
 - operating parameters and integrity limits, and product specifications and tolerances including temperature, pressure and flow,
 - methods of controlling the rate of transfer and the advantages and disadvantages of each
 - procedures for starting, stopping, operating, controlling and isolating the system
 - emergency shutdown procedures
 - interactions between plant items and processes
 - functions of major components and troubleshooting techniques
- impact of external factors including variations in weather
- storage and product transfer techniques and mediums
- the nature and condition of materials being transferred to and from the vessel and the factors to be considered in the transfer operation
- effects of temperature and pressure in transfer operations
- ship loading and/or unloading abnormal situations and required actions
- hierarchy of control
- ship loading and/or unloading hazards:
 - possible causes
 - potential consequences

- appropriate risk controls.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - ship loading and/or unloading equipment
 - product being transferred
 - vessel
 - operating procedures
- abnormal situations must be relevant to ship transfer operations.

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=9fc2cf53-e570-4e9f-ad6a-b228ffdb6875>