



Australian Government

Assessment Requirements for FBPOPR2009 Load and unload tankers

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 1.0

Performance Evidence

An individual demonstrating competency in this unit must satisfy all of the elements and performance criteria of this unit.

There must be evidence that the individual has loaded and unloaded tankers on at least one occasion, including:

- accessing workplace information relating to loading/unloading requirements
- selecting, fitting and using personal protective equipment
- inspecting loading/unloading equipment for signs of wear
- confirming that tankers are in suitable condition for loading
- checking receivals/despatch documentation to confirm material types, quantities and transfer requirements
- confirming that bulk product/materials meet quality requirements for loading/unloading
- using workplace records and systems to confirm storage holdings and capacities and source/destination for loads
- planning and sequencing loading/unloading to meet delivery requirements/storage capacity and production requirements
- preparing transfer equipment for use
- operating and monitoring the loading/unloading process to confirm that correct quantities are transferred at the required times, to the required locations
- responding to and/or reporting equipment failure within level of responsibility
- completing transfer operations
- completing records of product/materials transfer
- maintaining work area to meet housekeeping standards
- following relevant work health and safety procedures.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- bulk storage facilities layout and related management systems
- basic operating principles of the system and equipment used, including the features of the tanker loading/unloading and materials transfer systems
- equipment that controls the flow and transfer of bulk materials, equipment operating capacity and the status and purpose of guards
- tanker types and capacities
- planning and scheduling systems and responsibilities to prioritise loading and unloading processes, including the characteristics of materials received and related storage requirements, production requirements and storage capacities
- signs and symptoms of faulty equipment and early warning signs of potential problems including leaks, unusual noises and/or vibrations in pumps
- operating parameters and corrective action required where operation is outside specified operating parameters
- product inspection and procedures within level of responsibility
- steps in preparing transfer equipment for use, including confirming that equipment is clean, lines are purged, isolation or lock-outs are cancelled as required, and any scheduled maintenance has been completed
- steps in confirming that tankers are in suitable condition for loading, including checking cleaning records and confirming that any scheduled maintenance has been carried out
- steps in confirming that correct quantities are transferred at the required times, to the required locations, including monitoring pump loads, flow rates and filter/strainer condition
- clearance procedures, including relevant test methods and action required if results are not within specification or clearance is not provided
- work health and safety hazards and controls, including emergency procedures to respond to hazardous situations
- when and how to use emergency stop functions on equipment
- contamination risks and controls, including cross-contamination risks, product compatibility and storage requirements
- isolation, lock-out and tag-out procedures and responsibilities
- environmental issues associated with bulk liquid materials transfer, including consequences of spills and appropriate control/containment procedures
- recording requirements and procedures, including related receivals and despatch documentation
- cleaning procedures for loading and unloading tankers.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - personal protective clothing and equipment
 - loading/unloading schedules and related receivals and/or despatch documentation

- tankers, storage facilities, materials transfer equipment and related equipment and services
- materials for loading/unloading
- cleaning procedures, materials and equipment
- specifications:
 - work procedures, including advice on safe work practices, food safety, quality and environmental requirements
 - information about equipment capacity and operating parameters and tanker types and capacities
 - loading/unloading information recording system and procedures.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>