



Australian Government

TLID4049 Bottom load a dangerous goods tanker

Release: 1

TLID4049 Bottom load a dangerous goods tanker

Modification History

Release 1. This is the first release of this unit of competency in the TLI Transport and Logistics Training Package.

Application

This unit involves the skills and knowledge required to bottom load a dangerous goods tanker. It includes conducting pre-loading activities, preparing for loading, bottom loading tanker and leaving loading rack.

This unit applies to those working in the road transport fuel/gas industry.

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

Pre-requisite Unit

TLIC0001 Operate chemical tanker

or

TLIC0002 Operate fuel tanker

or

TLIC0003 Operate LP gas tanker

Competency Field

D – Load Handling

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to

essential outcomes.

demonstrate achievement of the element.

- | | |
|---|--|
| 1 Conduct pre-loading activities | <ul style="list-style-type: none">1.1 Documentation is submitted prior to loading and is checked for accuracy of expected load1.2 Loading area is checked for hazards1.3 HAZCHEM signage and product tumblers are checked or changed in accordance with regulatory requirements, and site and organisational procedures1.4 Integrity of dangerous goods is checked prior to loading, in accordance with workplace procedures |
| 2 Prepare for loading | <ul style="list-style-type: none">2.1 Loading console instructions are followed and authorisation is gained2.2 Tanker equipment is prepared for loading in accordance with organisational and facility procedures2.3 Product and volume to be loaded are selected in accordance with loading documents2.4 Final check of product type and quantity to be loaded is made in accordance with delivery documentation, safe carrying capacity, and gross weight limitations of tanker2.5 Discrepancies are rectified in accordance with organisational procedures |
| 3 Bottom load tanker | <ul style="list-style-type: none">3.1 Locations of emergency equipment and emergency procedures are identified before loading commences3.2 Vapour recovery product transfer equipment is connected in accordance with organisational requirements3.3 Site procedures are followed for commencement of loading process3.4 Tanker is safely loaded with product using only approved equipment, in accordance with organisational requirements and site procedures3.5 Loading process is manoeuvred at console in accordance with organisational and site procedures3.6 Valves on tanker and load-out facility are closed, and all transfer equipment is secured at completion of loading process in accordance with site procedures |

- 4 Leave loading rack**
- 4.1 Loaded tanker is checked to ensure it is within legal weight limitations and complies with regulatory and organisational procedures
 - 4.2 Pre-departure inspection of loaded tanker is undertaken to ensure all hoses, pipes and cables are disconnected and secured, brake interlock is deactivated, and any obstacles are cleared, in accordance with organisational procedures
 - 4.3 Tanker is slowly moved from loading area without damage to property or injury to people, in accordance with site procedures
 - 4.4 Tanker is parked in designated area and checked to ensure correct placarding
 - 4.5 Load documentation is completed, checked and secured in tanker in accordance with regulatory requirements
 - 4.6 Tanker is driven safely from site in accordance with site 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.

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

Unit Mapping Information

This unit replaces and is equivalent to TLID4049A Bottom load a dangerous goods tanker.

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>