



Australian Government

TLID4050 Discharge a dangerous goods tanker

Release: 1

TLID4050 Discharge 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 pump discharge a dangerous goods tanker.

It includes conducting pre-discharge activities, preparing for discharge, following discharge requirements and procedures, working at heights on a dangerous good tanker and finishing unloading.

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

Not applicable.

Competency Field

D – Load Handling

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Conduct pre-discharge activities

PERFORMANCE CRITERIA

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

- 1.1 Delivery location is checked against site plan and delivery job sheet
- 1.2 Job hazards are identified and required action is taken to minimise, control or eliminate identified hazards

- 1.3 Tanker is positioned to enable discharging to be carried out in accordance with site procedures without injury to people or damage to property
 - 1.4 Park brake is applied, engine turned is off and battery is isolated, as required
 - 1.5 Personal protective equipment is used in accordance with site and organisational procedures
 - 1.6 Site authority to proceed is obtained, as required, and followed in accordance with site organisational procedures
- 2 Prepare for discharging**
- 2.1 Delivery location is checked for hazards and set up, in accordance with regulatory requirements and organisational procedures
 - 2.2 Lids on spillbox are lifted and spillbox is drained of liquid
 - 2.3 Identification (ID) markers and tumblers are checked against safe discharge unload plan to verify load will fit, as required
 - 2.4 Hoses are removed from tanker and test date is checked
- 3 Follow discharge requirements and procedures**
- 3.1 Site product type, quantity and discharged quantity are checked to determine whether receiving vessel can accept to load, and discrepancies are rectified in accordance with organisational procedures
 - 3.2 Locations of emergency equipment and emergency procedures are identified before discharging commences
 - 3.3 Product transfer equipment is connected in accordance with regulatory and organisational requirements
 - 3.4 Internal valve is opened
 - 3.5 Checks are completed prior to commencing discharge, in accordance with organisational procedures
 - 3.6 Valve is fully opened and product is discharged safely, in accordance with regulatory and organisational requirements and site procedures
 - 3.7 Discharging process is monitored in accordance with regulatory requirements, and company and site procedures
 - 3.8 Tanks and compartments are changed in accordance with regulatory and organisational requirements and site

- procedures
- 4 Work at heights on a dangerous tanker**
- 4.1 Safety equipment is connected to tanker prior to ascending tanker ladders, as required, in accordance with safety regulations and site procedures
- 4.2 Safety equipment is connected when operating on top of tanker, as required, in accordance with site and safety regulations
- 4.3 Work is completed in accordance with regulatory and organisational requirements and site procedures
- 5 Finish unloading**
- 5.1 All valves on tanker and receiving facility are closed and transfer equipment is secured in accordance with site procedures
- 5.2 Site is re-dipped and readings are recorded on delivery documentation
- 5.3 Site is restored to a clean and tidy condition in accordance with site procedures and site defects are reported
- 5.4 Final safety inspection of tanker and site is conducted
- 5.5 Tanker is moved from unloading area without damage to property or injury to people and in accordance with site procedures
- 5.6 Delivery documentation is completed, checked and adjusted, and secured in tanker in accordance with regulatory and organisational requirements at completion of discharge
- 5.7 Truck and tanker are checked to ensure correct placarding before departure
- 5.8 Site plan is followed for exiting site

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 TLID4050A Discharge 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>