



Australian Government

TLID2021 Use specialised bulk transfer equipment (dry)

Release: 1

TLID2021 Use specialised bulk transfer equipment (dry)

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 use specialised bulk transfer equipment for dry materials in accordance with relevant state/territory regulations.

It includes planning work, transferring material, monitoring and operating controls, and completing all operations, as required.

Work is performed under general supervision.

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 Plan work

PERFORMANCE CRITERIA

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

- 1.1 Job hazards are identified and required action is taken to minimise, control or eliminate identified hazards
- 1.2 Dangerous or hazardous (including regulated waste) or other materials requiring specialised handling are identified, and relevant workplace procedures are taken into account when

planning work

- 1.3 Traffic flow and work area conditions are assessed and anticipated to ensure safe operation and no injury to people or damage to equipment, loads, facilities or environment
 - 1.4 Load characteristics are taken into account when selecting method, equipment and appropriate attachments to transfer load, as required
 - 1.5 Potential occurrences in work area that may affect the safety and efficiency of operations are reported to appropriate personnel
 - 1.6 Bulk transfer of dry materials is planned, taking into account load requirements, transfer method, storage facility and transport mode, load weight, dimensions, and equipment capacity
 - 1.7 Required personal safety equipment, signage, barriers and special precautions are identified in plan and utilised
 - 1.8 Procedures to deal with spills, leakages and ruptures are identified
 - 1.9 Customer requests for variation to agreed operations are actioned within scope of authority or referred to appropriate personnel
- 2 Transfer material**
- 2.1 Equipment is prepared and appropriate attachment/s is fitted
 - 2.2 Equipment controls are checked for correct operational status before commencing transfer
 - 2.3 Adjustments are made to process, to accommodate special requirements such as temperature control, combustion
 - 2.4 Instruments and gauges are monitored during operations to ensure operation is consistent with workplace procedures, manufacturer specifications, enterprise schedule and safety requirements
 - 2.5 Speed of operation is managed for safety and efficiency of materials movement and equipment operations
 - 2.6 Faults or damage to equipment are immediately reported to appropriate personnel
- 3 Monitor and operate**
- 3.1 Equipment controls are monitored and operated in accordance with manufacturer operating instructions and

- controls** workplace procedures
- 3.2 Control systems are monitored to ensure operation is consistent with workplace procedures, manufacturer specifications, workplace schedule, safety requirements and statutory regulations
 - 3.3 Materials are moved ensuring no injury to personnel or damage to equipment or goods
 - 3.4 Faults are identified and reported in accordance with workplace procedures
- 4 Complete operations**
- 4.1 Equipment is shut down in accordance with manufacturer guidelines, without injury to personnel or damage to equipment, loads or facilities in accordance with workplace procedures
 - 4.2 Clean up methods for transfer equipment are completed in accordance with workplace procedures
 - 4.3 Equipment is cleaned and secured in accordance with workplace procedures
 - 4.4 Documentation is completed and filed in accordance 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.

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

Unit Mapping Information

This unit replaces and is equivalent to TLID2021A Use specialised bulk transfer equipment (dry).

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>