



Australian Government

TLID0011 Use bulk transfer equipment (dry)

Release: 1

TLID0011 Use 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 bulk transfer equipment for dry products in accordance with relevant state/territory regulations.

It includes planning work, transferring product, 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 bulk product transfer work

PERFORMANCE CRITERIA

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

- 1.1** Hazards are identified, risks assessed and control measures implemented
- 1.2** Dangerous or hazardous products requiring handling are identified in accordance with workplace procedures

- 1.3 Traffic flow and work area conditions are assessed to ensure safe operation
 - 1.4 Product characteristics are taken into account when selecting method, equipment and specialised attachments to transfer product
 - 1.5 Bulk transfer of dry products is planned, taking into account load requirements, transfer method, storage facility and transport mode, load weight, dimensions and equipment capacity
 - 1.6 Personal protective equipment (PPE), safety equipment, signage, barriers and precautions are identified
 - 1.7 Procedures to deal with spills, leakages and ruptures are identified
 - 1.8 Customer requests for variation to agreed operations are referred to relevant personnel
- 2 Transfer bulk product**
 - 2.1 Bulk transfer equipment is inspected and prepared in accordance with manufacturer specifications
 - 2.2 Dry product handling procedures are implemented in accordance with product guidelines and workplace procedures
 - 2.3 Instruments and gauges are monitored during bulk transfer to ensure operation is consistent with safety requirements, workplace procedures and manufacturer specifications
 - 2.4 Operation is monitored for safety and efficiency
 - 2.5 Faults or damage to equipment are identified and reported in accordance with workplace procedures
 - 2.6 Bulk transfer equipment controls are monitored and operated in accordance with manufacturer specifications and workplace procedures
- 3 Complete bulk transfer operations**
 - 3.1 Bulk transfer equipment is shut down in accordance with manufacturer specifications and workplace procedures
 - 3.2 Housekeeping of work area is undertaken in accordance with workplace procedures

- 3.3 Bulk transfer equipment is cleaned and stored in accordance with workplace procedures
- 3.4 Documentation is completed in accordance with 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.

Unit Mapping Information

This unit replaces and is equivalent to TLID2021 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>

Assessment Requirements for TLID0011 Use bulk transfer equipment (dry)

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least one occasion and include:

- applying precautions and required action to minimise, control or eliminate identified hazards
- applying workplace procedures
- communicating and working effectively with others
- estimating mass, volume and special requirements of dry bulk products
- identifying and using equipment required to transfer dry bulk product
- identifying goods coding, Australian Dangerous Goods (ADG) Code markings and emergency information panels
- interpreting and following relevant instructions, procedures and information
- monitoring equipment performance
- monitoring work activities
- operating and adapting to differences in specialised equipment in accordance with workplace procedures
- reporting faults and damage in accordance with workplace procedures
- selecting and using required personal protective equipment (PPE).

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- current ADG Code
- housekeeping standards and procedures
- relevant work health and safety (WHS)/occupational health and safety (OHS) procedures and guidelines for using bulk transfer equipment
- risks when transferring dry bulk product and related precautions to control the risk
- workplace procedures for the use of equipment to transfer dry bulk products.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training

Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include:

- relevant materials, tools, equipment and PPE
- applicable documentation, including workplace procedures, regulations, codes of practice and operation manuals.

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