



Australian Government

Assessment Requirements for TLID4049 Bottom load a dangerous goods tanker

Release: 1

Assessment Requirements for 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.

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:

- checking integrity of dangerous goods by checking:
 - caps
 - hatches
 - valves
- completing documentation required for bottom loading a dangerous goods tanker including:
 - dangerous goods shipping documentation, current Australian Dangerous Goods (ADG) Code
 - relevant Australian Standards and certification requirements
 - relevant internal data entry books, including logbooks, data sheets and load sheets
 - transport regulations as they apply to the enterprise, including local authority regulations and procedures
 - workplace policies and procedures
- ensuring gross weight limitation of a tanker complies with:
 - manufacturer safe fill levels and vehicle mass limits
 - National Heavy Vehicle Accreditation Scheme (NHVAS) requirements
 - state/territory legislation
 - transport emergency response plan (TERP)
- identifying and preparing product transfer tanker equipment including:
 - bonding devices
 - brake interlock
 - delivery hoses
 - external piping and fittings
 - master switch
 - pressure and ullage gauges
 - pressure vessels
 - scully systems
 - valves

- warning devices
- identifying dangerous goods and hazardous materials
- identifying volume of goods
- making accurate estimates
- reading and interpreting complex legislative and regulatory requirements
- TERP
- using emergency equipment including:
 - emergency shutdown controls
 - evacuation controls
 - eye wash equipment and safety showers
 - fire extinguishers
 - spill control equipment
- using personal protective equipment (PPE) and safety measures including:
 - chemical resistant gloves
 - communications switch
 - high visibility clothing and safety vest
 - intrinsically safe, full cover protective clothing
 - safety headwear and footwear
 - safety glasses.

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:

- applicable legislative procedures and codes including:
 - current ADG Code
 - environmental protection legislation and regulations
 - fatigue management regulations
 - relevant state/territory roads and traffic authority driving regulations and licence or permit requirements for operating heavy vehicles on unsealed roads
 - road rules
 - work health and safety (WHS)/occupational health and safety (OHS) legislation
- control operations
- placarding requirements for parking procedures
- potential hazards when bottom loading a dangerous goods tanker
- preparation methods for tanker equipment
- relevant WHS/OHS and environmental procedures and regulations
- safe loading procedures.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the *Standards for Registered Training Organisations* current at the time of assessment.

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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.

Practical assessment must be in an appropriate vehicle such as:

- AB-Quad
- B-Double combinations
- B-Triple
- rigid vehicle
- road train combinations
- semi combinations
- truck and dog combinations.

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 include:

- a range of relevant exercises, case studies and/or simulations
- applicable documentation including workplace procedures, regulations, codes of practice and operation manuals
- relevant materials, tools, equipment and personal protective equipment currently used in industry
- vehicle as listed above.

Online assessment is not suitable for final assessment of this unit of competency.

Links

Companion Volume implementation guides are found in VETNet -

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