



Australian Government

Assessment Requirements for TLIC0001 Operate chemical tanker

Release: 1

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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, performance criteria and range of conditions on at least one occasion and include:

- applying correct placarding required for product being loaded
- applying eco-driving techniques when operating chemical tankers
- applying precautions and required action to minimise, control or eliminate identified hazards
- applying techniques for loading and unloading a chemical tanker
- completing documentation relating to operating chemical tankers
- identifying compatibility of tanker with product
- identifying personal protective equipment (PPE) required for product being transported
- identifying product and placarding tanker accordingly
- identifying properties of chemicals to be carried
- implementing contingency plans
- interpreting and following operational instructions and prioritising work
- meeting customer requirements when delivering fuel to customer site
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring and anticipating traffic hazards and taking appropriate action
- monitoring performance of chemical tanker, its trailers and equipment, and taking appropriate action as required
- operating and adapting to differences in equipment in accordance with operating procedures
- planning routes to avoid congested areas, tunnels or areas where people may congregate
- reading and interpreting relevant instructions, procedures, information and signs
- selecting and using required PPE, conforming to industry and work health and safety (WHS)/occupational health and safety (OHS) standards
- working collaboratively with others
- working systematically with required attention to detail without injury to self or others, or damage to goods or equipment.

Knowledge Evidence

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

- causal factors of chemical tanker accidents and incidents
- effects of weight distribution on load behaviour and vehicle stability
- efficient driving techniques and eco-driving considerations
- factors involved in trip preparation
- factors that may cause traffic delays and diversions
- loading and unloading procedures for chemical tankers
- procedures to be followed in a driving emergency and in response to a transport emergency response plan (TERP)
- relevant dangerous goods information for operating chemical tankers
- relevant legislation and workplace procedures for transporting chemicals
- relevant road rules, regulations, permit and licence requirements of relevant state/territory roads and traffic authority
- relevant WHS/OHS and environmental procedures and regulations for chemical tanker operations
- safe delivery of chemicals to customer site
- techniques to continually identify and mitigate environmental risks
- workplace documentation
- workplace driving and operational instructions.

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, with the exception of Element 7; due to workplace health and safety risks, assessment of Element 7 must occur using simulations in workplace operational situations.

Practical assessment must be undertaken with a chemical tanker that meets all industry compliance and/or licensing requirements.

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:

- eye wash kit, fire extinguisher, torch, chemical resistant gloves, spill kit, and personal protective equipment currently used in industry
- workplace procedures, current Australian Dangerous Goods (ADG) Code, emergency procedure guides, emergency response documentation, shipping documentation, TERP.

A simulator 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>