



Australian Government

Assessment Requirements for TLID3047 Shift loads using ship mounted crane

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 and performance criteria on at least one occasion and include:

- applying basic fatigue management techniques
- applying effective eye-hand coordination to operational tasks
- applying precautions and required action to minimise, control or eliminate identified hazards
- applying relevant legislation and workplace procedures
- communicating effectively with others
- completing relevant documentation
- dealing with internal and external customers in large, medium or small workplaces
- estimating size, shape and special requirements of loads
- identifying cargo, container and goods, coding, Australian Dangerous Goods (ADG) Code/International Maritime Dangerous Goods (IMDG) Code markings and emergency information panels
- identifying and correctly using relevant equipment
- implementing contingency plans
- interpreting and following operational instructions and prioritising work
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring performance of crane and its equipment, and taking appropriate action as required
- monitoring work activities in terms of planned schedule
- operating and adapting to differences in equipment in accordance with standard operating procedures
- reading, interpreting and following relevant instructions, procedures, information and signs
- receiving, acknowledging and sending messages using appropriate communications equipment
- reporting and/or rectifying identified problems, faults or malfunctions promptly, in accordance with regulatory requirements and workplace procedures
- selecting and using appropriate personal protective equipment 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 and performance criteria and include knowledge of:

- Australian and international codes and regulations relevant to using cranes to shift loads, including ADG Code, IMDG Code and Marine Orders
- operational work systems, equipment, management and site operating systems for using boom cranes to shift loads
- problems that may occur and appropriate action that can be taken to resolve these problems
- relevant safety codes and emergency procedures
- relevant WHS/OHS and environmental protection procedures and guidelines
- requirements for safe working load (SWL) and working load limit (WLL) of cranes
- service and maintenance schedule requirements for lifting equipment
- types of boom cranes used to shift loads in terminals/wharves, their applications and procedures and precautions for their use
- workplace procedures and policies for using cranes to shift loads
- workplace procedures for multiple crane, dual crane and heavy lift operations.

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 including controlled or open environments, exposed conditions and limited or restricted spaces.

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 access to:

- 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 and equipment
- personal protective clothing and equipment, including:
 - gloves
 - high visibility clothing
 - protective clothing
 - safety glasses
 - safety headwear and footwear
 - two-way radios.

Links

Companion Volume implementation guides are found in VETNet -

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