



Australian Government

Assessment Requirements for TLID4030 Supervise mobile crane operations

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 relevant safeworking and workplace procedures
- calculating safe working load (SWL) and working load limit (WLL)
- communicating effectively with others
- completing documentation related supervising mobile crane operations
- discussing and negotiating with clients and crew on issues related to site access, setting up the crane and lift operations
- identifying job hazards and taking required action to minimise, control or eliminate identified hazards
- identifying and directing the use of equipment, processes and procedures
- implementing contingency plans
- interpreting and following operational instructions and prioritising work
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring work activities in terms of planned schedule
- operating and adapting to differences in equipment and operating environment in accordance with operating procedures
- planning and guiding the work of others, including predicting consequences and identifying improvements
- reading and interpreting relevant instructions, procedures, information and signs
- reporting and/or rectifying identified problems, faults or malfunctions, in accordance with regulatory requirements and workplace procedures
- 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:

- consultation and communication risk mitigation workplace procedures
- emergency management workplace procedures
- focus of operation of work systems and equipment
- how to calculate total mass of the load (including the mass of the lifting gear) and its distribution
- mobile crane applications, capacities, configurations, safety hazards and control mechanisms
- operational procedures for crane crews
- prioritising and multi-tasking work
- problems that may arise when supervising mobile crane operations and actions that should be taken to prevent or solve these problems
- relevant work health and safety (WHS)/occupational health and safety (OHS) and environmental procedures and regulations
- relevant rigging operations code of practice and regulations
- relevant road rules, high risk work regulations, permits and high risk licence requirements pertaining to mobile crane operation
- SWL and WLL of mobile crane and lifting gear
- workplace procedures for supervising mobile crane operations at a worksite.

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 or, where this is not available, 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 include:

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

Links

Companion Volume implementation guides are found in VETNet -

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