



Australian Government

TLI31710 Certificate III in Mobile Crane Operations

Release 3

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Modification History

Release 3 - Imported units updated to current versions. Equivalent.

Description

Rationale:

This qualification is designed for mobile crane operation job roles within the Transport and Logistics and other industries. Successful completion of the qualification will require competence in units of competency that relate to the job role requirements defined as aligned at AQF Level III. Successful completion of the high risk work and heavy vehicle licensing unit within the qualification must align with licensing and regulatory requirements applicable to relevant national, state and territory regulatory requirements.

Pathways Information

Not Applicable

Licensing/Regulatory Information

Refer to Description

Entry Requirements

Entry requirements:

There are no entry requirements for this qualification.

Employability Skills Summary

Employability Skills Summary for

TLI31710 Certificate III in Mobile Crane Operations

The following table contains a summary of the employability skills as identified by the Transport and Logistics Industry for this qualification. This table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes described here are broad industry requirements that may vary depending on packaging options.

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none">• Implement and monitor communication systems and procedures required for mobile cranes operations• Read and interpret relevant regulations, instructions, signs and labels applicable to the supervision of mobile cranes operations• Speak clearly and directly on matters related to mobile cranes operations• Listen to and interpret verbal information related to mobile cranes operations• Write documents as part of duties, including completion of relevant forms, timesheets, service logs and incident reports• Negotiate issues with others in the course of mobile cranes operations• Recognise and interpret non-verbal signs, signals and behaviour• Use relevant communication equipment and methods.
Teamwork	<ul style="list-style-type: none">• Collaborate with others in the course of mobile cranes operations• Provide leadership to other personnel in the mobile cranes workplace• Motivate others in the workplace• Assist others in the workplace to achieve and maintain competence• Assist in the resolution of any interpersonal conflicts that may arise during mobile cranes operations• Avoid and prevent the harassment of others in the workplace• Work with persons of different ages, gender, race, religion, political persuasion, etc.

Employability Skill	Industry/enterprise requirements for this qualification include:
Problem solving	<ul style="list-style-type: none">• Identify and solve or report problems arising in the course of mobile cranes operations• Monitor and anticipate problems that may occur in the course of mobile cranes operations including hazards and risks and take appropriate action to report or resolve the problems within limits of responsibility• Identify and control hazards and risks in a range of mobile cranes operational situations and take appropriate precautions• Use mathematics to solve various calculations related to mobile cranes operations.
Initiative and enterprise	<ul style="list-style-type: none">• Modify activities dependent on differing mobile cranes operational situations and contingencies• Take appropriate initiatives in a range of operational situations such as those above• Respond appropriately to any changes in equipment, standard operating procedures and the working environment.
Planning and organising	<ul style="list-style-type: none">• Follow and apply operational and emergency plans, systems and procedures• Monitor systems and procedures for compliance with regulations and codes of practice• Implement the workplace security and safety management systems• Monitor and evaluate operational performance and compliance• Collect and interpret information needed in the course of mobile cranes operations• Organise and plan own work activities• Manage time and priorities in the course of mobile cranes operations.
Self management	<ul style="list-style-type: none">• Interpret and apply regulations and instructions• Establish and follow own work plans and schedules• Evaluate own work performance.
Learning	<ul style="list-style-type: none">• Contribute to learning and assessment activities in the workplace• Assist others to adapt to any changes in workplace systems, equipment, procedures and the workplace operating environment• Assist in the instruction, coaching or mentoring of others in the workplace• Contribute to the assessment of the competence of others in the workplace• Assist in the creation of a learning environment in the

Employability Skill	Industry/enterprise requirements for this qualification include:
Technology	workplace
	<ul style="list-style-type: none"> Adapt own competence in response to any changes in mobile cranes operations.
	<ul style="list-style-type: none"> Use equipment and materials required during mobile cranes operations
	<ul style="list-style-type: none"> Follow and apply operational and servicing instructions for equipment used during mobile cranes operations
	<ul style="list-style-type: none"> Follow and apply OH&S procedures when using and servicing mobile cranes and associated equipment

Packaging Rules

Requirements for completion of the qualification:

A successful assessment outcome for a total of **16 units** of competency comprising:

- 8 core units** listed below

plus

- 3 core** high risk work licensing units, listed below

plus

- 5 elective units** which may be taken from the elective units listed below, or may include up to **3 imported units** which may be selected from the remaining elective units or from qualifications at the same level or one higher in this Training Package or any other endorsed Training Package or accredited course.

Where imported units are selected care must be taken to ensure that all pre-requisites specified in the unit are complied with.

The following units have prerequisites:

- CPCCCM2010B Work safely at heights
- CPCCCM3003A Work safely around power sources, services and assets
- HLTFA412A Apply advanced first aid

Licensing requirements will apply to this unit of competency depending on the regulatory requirements of each jurisdiction.

- CPCCOHS1001A Work safely in the construction industry

Requirements for completion of HRW license units within this qualification:

To comply with the National Standards for High Risk Work there is a requirement to complete the high risk work license TLILIC3006A Licence to operate a non slewing mobile crane (greater than 3 tonnes capacity) before commencing TLILIC3008A Licence to operate a slewing mobile crane (up to 20 tonnes).

Completion of the licensing units is a requirement, however applying for a high risk work license for TLILIC3006A Licence to operate a non slewing mobile crane (greater than 3 tonnes capacity) is not a requirement if TLILIC3008A Licence to operate a slewing mobile crane (up to 20 tonnes) licence is being applied for as this licence covers the TLILIC3006A Licence to operate a non slewing mobile crane.

Core units:

Field	Unit
B Equipment Checking and Maintenance	TLIB3013A Maintain mobile cranes
D Load Handling	TLID1001A Shift materials safely using manual handling methods
E Communication and Calculation	TLIE2008A Process workplace documentation
F Safety Management	CPCCCM2010B Work safely at heights CPCCCM3003A Work safely around power sources, services and assets TLIF2006A Apply accident-emergency procedures TLIF3084A Follow mobile crane safety procedures
U Environment	TLIU1009A Monitor plant and equipment in an environmentally sustainable manner

Core High Risk Work Licensing Units:

Field	Unit
LIC Licensing Units	TLILIC3006A Licence to operate a non-slewing mobile crane (greater than 3 tonnes capacity) TLILIC3008A Licence to operate a slewing mobile crane (up to 20 tonnes) CPCCLDG3001A Licence to perform dogging

Elective units:

Field	Unit
A Handling Cargo/Stock	TLIA1001A Secure cargo
B Equipment Checking and Maintenance	TLIB2001A Check and assess operational capabilities of equipment TLIB3011A Set up and rig crane for lift TLIB3012A Plan job and set up work areas TLIB3015A Undertake site inspection TLIB3016A De-rig, pack and store tools and equipment
C Vehicle Operation	TLIC3004A Drive heavy rigid vehicle TLIC3005A Drive heavy combination vehicle
D Load Handling	TLID3031A Rig load
F Safety Management	TLIF1002B Conduct housekeeping activities TLIF2010A Apply fatigue management strategies HLTFA311A Apply first aid HLTFA412A Apply advanced first aid CPCCOHS1001A Work safely in the construction industry
LIC Licensing Unit	TLILIC2005A Licence to operate a boom-type elevating work platform (boom length 11 meters or more)