



Australian Government

CPC32912 Certificate III in Construction Crane Operations

Release: 2

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Modification History

Version Comment

- 1 This version first released with CPC08 Version 8.
- 2 Update superseded imported units from elective list with equivalent current unit for:
TLILIC2005A to TLILIC2005
This version released with CPC08 Version 9.3.

Description

This qualification provides a trade outcome in mobile crane operations in the residential and commercial construction industry. Due to the high risk nature of the job role, the qualification provides a strong focus on safety requirements.

Occupational titles may include:

- licensed crane operator.

The qualification has core unit of competency requirements that cover common skills, as well as specialist skills for crane operators in two specialist streams:

- Stream 1 20 tonne (C2) licence
- Stream 2 60 tonne (C6) licence.

Additional licensing for rigging and elevated work platforms is available depending on the choice of elective units of competency.

The construction industry strongly affirms that training and assessment leading to recognition of skills must be undertaken in a real or very closely simulated workplace environment and this qualification requires all units of competency to be delivered in this context.

Completion of the general induction training program specified by the National Code of Practice for Induction Training for Construction Work (ASCC 2007) is required before entering a construction work site. Achievement of unit CPCCOHS1001A covers this requirement.

Pathways Information

The following CPC08 qualifications provide a pathway into this qualification:

- CPC20112 Certificate II in Construction
- CPC30211 Certificate III in Carpentry
- CPC30511 Certificate III in Dogging
- CPC30711 Certificate III in Rigging.

Licensing/Regulatory Information

This qualification is recognised by the Crane Industry Council of Australia as entry-level national training for crane operators and is suitable for a traineeship.

This is a licensed occupation. Users should check requirements with their relevant licensing authority.

Entry Requirements

Not applicable.

Employability Skills Summary

Employability skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> • exchanges information with other team members in a way that contributes to safe, productive and harmonious relations • communicates at various stages with a range of site workers and visitors, including crane operators and dogmen, building tradespersons, work health and safety inspectors, local utility providers, and the general public • communicates ideas and information
Teamwork	<ul style="list-style-type: none"> • works in tandem with dogmen • works as a team with other construction workers to minimise accidents • works effectively and sustainably with others in the construction industry
Problem solving	<ul style="list-style-type: none"> • applies a broad range of techniques to solve logistic and safety problems when transporting and using cranes on work site
Initiative and enterprise	<ul style="list-style-type: none"> • adapts to new situations • generates options in response to site inspections and project briefs • applies fatigue management strategies
Planning and organising	<ul style="list-style-type: none"> • reallocates crane usage depending on available labour, weather and material delivery schedule • collects and analyses construction site information • plans and undertakes site inspections • manages time and priorities as part of fatigue management strategies
Self management	<ul style="list-style-type: none"> • manages own professional development by setting personal goals • evaluates and monitors own performance and takes responsibility for own actions • selects and uses appropriate personal protective equipment
Learning	<ul style="list-style-type: none"> • contributes to ongoing improvement in own and company operations and outcomes • contributes to the learning community in the workplace • invests time and effort in learning new skills to accommodate change
Technology	<ul style="list-style-type: none"> • carries out work tasks using the latest techniques and technology to ensure greater efficiency and productivity • demonstrates proficiency with computer consoles on modern cranes

	<ul style="list-style-type: none"> uses a range of devices and media when communicating
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Packaging Rules

To achieve this qualification, the candidate must demonstrate competency in:

- 23 units of competency:
 - 20 core units
 - 3 elective units.

Some units in this qualification have prerequisite requirements, which must be met when packaging the qualification. Users are referred to the list of CPC08 units with prerequisite unit requirements available in this Training Package for this purpose.

Core units

BSBCUS301B	Deliver and monitor a service to customers
CPCCCM1012A	Work effectively and sustainably in the construction industry
CPCCCM1013A	Plan and organise work
CPCCCM1014A	Conduct workplace communication
CPCCCM2001A	Read and interpret plans and specifications
CPCCCM2004A	Handle construction materials
CPCCCM2010B	Work safely at heights
CPCCCM3001C	Operate elevated work platforms
CPCCCM3003A	Work safely around power sources, services and assets
CPCCDO3012A	Perform crane scheduling
CPCCLDG3001A	Licence to perform dogging
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry

TLIB3011A	Set up and rig crane for lift
TLIB3013A	Maintain mobile cranes
TLIB3015A	Undertake site inspection
TLIF2006A	Apply accident-emergency procedures
TLIF2010A	Apply fatigue management strategies
TLIF3084A	Follow mobile crane safety procedures
TLILIC2016A	Licence to drive heavy rigid vehicle*

PLUS***Stream 1 20 tonne (C2) licence***

TLILIC3008A	Licence to operate a slewing mobile crane (up to 20 tonnes)
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OR***Stream 2 60 tonne (C6) licence***

TLILIC4009A	Licence to operate a slewing mobile crane (up to 60 tonnes)
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* It is a prerequisite of the core unit TLILIC2016A Licence to drive heavy rigid vehicle that candidates hold a current Class C drivers licence (for at least 2 years).

Elective units

CPCCCM1015A	Carry out measurements and calculations
CPCCDO3011A	Perform dogging
CPCCLRG3001A	Licence to perform rigging basic level
CPCCRI3012A	Perform basic rigging
CPCCRI3013A	Perform intermediate rigging
TLILIC2005	Licence to operate a boom-type elevated work platform (boom length 11 meters or more)

Custom Content Section

Not applicable.