



Australian Government

ICT30315 Certificate III in Telecommunications Rigging Installation

Release: 1

ICT30315 Certificate III in Telecommunications Rigging Installation

Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 2.0.

Qualification Description

This qualification prepares an individual for entry into the telecommunications industry and its convergent technologies, including radio, optical, data and internet protocol (IP) networks.

This qualification reflects the role of an operator who can apply a broad range of competencies in a varied work context. An operator uses rigging skills to install and maintain radio antennas on high structures, such as radio towers, and build and mount sections of radio masts for a complete radio structure.

The role requires the use of rigging skills to install and maintain telecommunications equipment mounted on structures. The role includes assessing installation requirements, planning and performing installations, testing installed equipment and fault-finding. It involves a degree of autonomy and may include some supervision of others. Work is performed according to known routines and procedures and there is some accountability for the quality of outcomes in a specialised area of telecommunications installations.

Licensing/Regulatory Information

Work functions in the occupational areas where this qualification may be used are subject to regulatory requirements. Refer to the ICT Implementation Guide Companion Volume or the relevant regulator for details of licensing, legislative or certification requirements.

Cabling at the customer premises must be carried out according to requirements of the Australian Communications and Media Authority (ACMA) and relevant industry registration bodies, and in line with the specifications of the access network owner. Refer to "Pathways to ACMA Cabling Provider Rules - Cabling registration" and the mandatory industry practical hours required for registration.

Dogging and rigging are classified under the National Standards for licensing persons performing high risk work. Age restrictions apply to eligibility for licencing. Please refer to the relevant federal and state legislation to ensure compliance with the regulations.

Entry Requirements

Nil

Packaging Rules

Total number of units = 16

10 core units plus

6 elective units

The elective units consist of:

- 1 unit selected from Group A Workplace
- up to 5 units selected from Group B General
- up to 2 of units of competency may be selected from any currently endorsed Training Package or accredited course at AQF Level 3 or 4.

Elective units must be relevant to the work environment and the qualification, maintain the integrity of the Australian Qualifications Framework (AQF) alignment and contribute to a valid, industry-supported vocational outcome.

Units selected from other Training Packages or accredited courses must not duplicate units selected from, or available within, the ICT Information and Communications Technology Training Package.

Core Units

CPCCLRG3001A Licence to perform rigging basic level*

CPCCLDG3001A Licence to perform dogging

ICTTCR203 Use safe rigging practices to climb and perform rescues on telecommunications network structures

ICTTCR303 Protect against electromagnetic radiation and systems hazards when working on telecomms radio sites

ICTTEN201 Use electrical skills in telecommunications work

ICTTEN202 Use hand and power tools

ICTTEN207 Install and test internet protocol devices in convergence networks

ICTWHS204 Follow work health and safety and environmental policy and procedures

ICTWOR201 Work effectively in telecommunications technology

RIIWHS204D Work safely at heights

Elective Units

Group A Workplace

BSBSMB305 Comply with regulatory, taxation and insurance requirements for the micro business

BSBSMB306 Plan a home based business

BSBSUS201 Participate in environmentally sustainable work practices

ICTEDU301 Train customers in new technology

ICTWOR305 Supervise worksite activities

Group B General

Rigging

CPCCLRG3002A Licence to perform rigging intermediate level*

CPCCLRG4001A Licence to perform rigging advanced level*

ICTTTCR201 Use rigging practices and systems on telecommunications network structures

ICTTTCR202 Use operational safety in a telecommunications rigging environment

ICTTTCR301 Build a telecommunications radio structure*

ICTTTCR302 Install radio plant and equipment on telecommunications structures*

Cabling

ICTBWN305 Use optical and radio frequency measuring instruments

ICTCBL206 Alter services to existing cable system

ICTCBL208 Splice and terminate optical fibre cable for carriers and service providers

ICTCBL209 Joint and terminate coaxial cable

ICTCBL210 Install a telecommunications service to a building

ICTCBL236 Install, maintain and modify customer premises communications cabling:

ACMA Restricted Rule*

ICTCBL237 Install, maintain and modify customer premises communications cabling:

ACMA Open Rule*

ICTCBL219 Apply safe technical work practices for cabling registration when configuring an ADSL circuit

ICTCBL302 Install and terminate optical fibre cable on customer premises

ICTCBL303 Install and terminate coaxial cable

ICTCBL304 Perform cable and system test on customer premises

ICTCBL305 Hand over cable systems and equipment

ICTCBL306 Locate and identify cable system faults

ICTCBL309 Construct aerial cable supports

ICTCBL310 Install aerial cable

ICTCBL311 Install systems and equipment on customer premises

ICTCBL312 Cutover new systems and equipment on customer premises

ICTCBL314 Install network cable equipment

ICTCBL315 Maintain cable network

Work health and safety

CPCCOHS1001A Work safely in the construction industry

ICTWHS203 Work safely near power infrastructure

HLTAID001 Provide cardiopulmonary resuscitation

HLTAID002 Provide basic emergency life support

HLTAID003 Provide first aid

Radio frequency networks

ICTRFN301 Install a radio communications antenna and feedline

ICTRFN303 Install WiMAX customer premises equipment broadband wireless access equipment

ICTRFN305 Operate and maintain radio communications technical instruments and field equipment

ICTSAS305 Provide IT advice to clients

Telecommunications network

ICTTEN301 Provide infrastructure for telecommunications network equipment

ICTTEN302 Install telecommunications network equipment

ICTTEN303 Locate, identify and rectify recurrent network faults
 ICTTEN306 Commission an electronic unit
 ICTTEN307 Repair and replace telecommunications network hardware
 ICTTEN308 Maintain an electronic system
 ICTTEN309 Provide infrastructure for telecommunications network customer equipment

Workplace

ICTWOR301 Organise resources
 ICTWOR302 Organise material supply
 ICTWOR303 Schedule resources
 ICTWOR304 Manage spare parts

Other

CPCCCM2007B Use explosive power tools*
 CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry *(Note: CPCCOHS2001A is a prerequisite unit for CPCCCM2007B. It is not to be selected without CPCCCM2007B.)*
 CPCCDE3014A Remove non-friable asbestos*
 RIIHAN301D Operate elevating work platform
 TLID2010A Operate a forklift
 TLID3035A Operate a boom type elevating work platform

*Note the following prerequisite unit requirements:

Unit in this qualification	Prerequisite unit
CPCCCM2007B Use explosive power tools	CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry or equivalent
CPCCDE3014A Remove non-friable asbestos	CPCCOHS1001A Work safely in the construction industry
CPCCLRG3001A Licence to perform rigging basic level	CPCCLDG3001A Licence to perform dogging
CPCCLRG3002A Licence to perform rigging intermediate level	CPCCLRG3001A Licence to perform rigging basic level
CPCCLRG4001A Licence to perform rigging advanced level	CPCCLRG3002A Licence to perform rigging intermediate level
ICTCBL236 Install, maintain and modify customer premises communications cabling: ACMA	ICTWHS204 Follow work health and safety and environmental policy and procedures

Restricted Rule	ICTTEN201 Use electrical skills in telecommunications work
ICTCBL237 Install, maintain and modify customer premises communications cabling: ACMA Open Rule	ICTCBL236 Install, maintain and modify customer premises communications cabling: ACMA Restricted Rule
ICTTTCR301 Build a telecommunications radio structure	ICTTTCR201 Use rigging practices and systems on telecommunications network structures ICTTTCR202 Use operational safety in a telecommunications rigging environment ICTTTCR203 Use safe rigging practices to climb and perform rescues on telecommunications network structures
ICTTTCR302 Install radio plant and equipment on telecommunications structures	ICTTTCR201 Use rigging practices and systems on telecommunications network structures ICTTTCR202 Use operational safety in a telecommunications rigging environment ICTTTCR203 Use safe rigging practices to climb and perform rescues on telecommunications network structures

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICT30315 Certificate III in Telecommunications Rigging Installation	ICT30513 Certificate III in Telecommunications Rigging Installation	Updated to meet Standards for Training Packages. Core has changed. Total number of required units has increased. Packaging rules have changed.	No equivalent qualification

Links

Companion volumes are available from the IBSA website -
http://companion_volumes.vetnet.education.gov.au/Pages/TrainingPackage.aspx?pid=18