



Australian Government

ICTCBL212 Erect aerial cable supports

Release: 1

ICTCBL212 Erect aerial cable supports

Modification History

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

Application

This unit describes skills and knowledge required to erect cable supports in small aerial client installations and access networks where they may be required to do new installations, upgrades or maintain existing networks in domestic, commercial and industrial installations to deliver services in xdigital subscriber lines (xDSL), fibre to the home (FTTH) and hybrid fibre coaxial (HFC) networks.

It applies to individuals working as telecommunications linesmen and line installers who make use of aerial support structures and specialist tools.

Work functions in the occupational areas where this unit 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.

Unit Sector

Telecommunications – cabling

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare to install aerial cable structure	1.1 Obtain construction plan from appropriate personnel to scope work and arrange for site access 1.2 Notify appropriate personnel of identified safety hazards at cabling worksite 1.3 Determine cable route from construction plan, identifying and avoiding other services

ELEMENT	PERFORMANCE CRITERIA
	1.4 Obtain plant, tools, safety equipment and material to perform tasks safely and efficiently
2. Install aerial support structures	2.1 Use tools according to enterprise guidelines and work health and safety (WHS) regulations 2.2 Erect safety barriers according to enterprise guidelines to secure site 2.3 Excavate hole to specifications and according to enterprise guidelines for erection of mounting pole 2.4 Install pole using mechanical lifting devices according to enterprise guidelines 2.5 Install fixing structures on pole securely according to manufacturer's specifications 2.6 Install aerial fixing devices where support is other than pole according to enterprise guidelines
3. Complete project	3.1 Complete reports according to enterprise policy and record alterations to plans using appropriate symbols 3.2 Recover obsolete materials and equipment and return to appropriate point for disposal 3.3 Restore site according to requirements of enterprise or approving authority and to client satisfaction 3.4 Notify appropriate personnel of job completion and obtain sign off

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance Criteria	Description
Reading	1.1, 1.3, 2.3, 2.5, 3.1, 3.4	Interprets information from technical sources to identify relevant and key information
Writing	1.2, 3.1	Documents outcomes and changes to plans using industry relevant terminology and recognised plan symbols
Numeracy	1.3, 2.3	- Interprets scales and ratios on plans - Performs basic calculations appropriate to

		measuring and estimating size
Navigate the world of work	1.2, 2.1, 3.1, 3.3	• Takes personal responsibility for adherence to legal, regulatory and organisational requirements relevant to own work context
Interact with others	1.1, 1.2, 3.4	• Identifies and follows accepted communication practices and protocols when liaising with clients and internal and external personnel on technical and operational matters
Get the work done	1.1, 1.4, 2.1-2.6, 3.2, 3.3	• Determines job sequence and works logically and systematically to undertake clearly defined tasks • Analyses task requirements to decide on appropriate equipment and practices • Implements actions as per plan, making slight adjustments if necessary, and addressing some unexpected issues • Automatically implements standard procedures for routine decisions in response to familiar problems

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTCBL212 Erect aerial cable supports	ICTCBL2132A Erect aerial cable supports	Updated to meet Standards for Training Packages	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>