ICTCBL207 Haul underground cable

Release: 1

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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 the skills and knowledge required to haul underground cable for maintenance, new installations or upgrades in access networks or client premises.

It applies to individuals who work in technical roles involving installation and recovery of cables, including multi-pair, coaxial and optical fibre for domestic, commercial or industrial situations.

All client cabling work in the telecommunications, fire, security and data industries must be performed by a registered cabler. All cablers are required to register with an Australian Communications and Media Authority (ACMA) accredited registrar.

Unit Sector

Telecommunications – cabling

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1 Prepare for safe underground cable hauling	1.1 Prepare for given work according to relevant legislation, codes, regulations and standards
	1.2 Arrange access to site according to required procedure
	1.3 Inform appropriate personnel of identified hazards on worksite
	1.4 Confirm hauling location of proposed cable according to appropriate plan specifications obtained from authorised personnel
	1.5 Obtain information on proposed locations of other services from relevant authorities
	1.6 Set up tools and equipment required for safe work practice

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ELEMENT	PERFORMANCE CRITERIA
	according to enterprise guidelines
	1.7 Check for dangerous gases and place guards around open manholes following work health and safety (WHS) and environmental requirements
2 Haul cable	2.1 Handle existing cables in manner that avoids cable damage
	2.2 Use roping techniques to prove that conduit is clear for hauling
	2.3 Attach cable to rope and haul cable into and out of pits and manholes, ensuring no sheath damage
	2.4 Lubricate cable and haul at correct tension, maintaining smooth passage between dispenser and hauler
	2.5 Maintain cable and services separations in parallel runs and crossovers to meet manufacturer's and regulation requirements
	2.6 Maintain sufficient cable length allowance for jointing and ensure cable is laid up and bent within bending radius tolerance for cable materials in underground enclosure
	2.7 Seal cables according to enterprise requirements to ensure no sheath damage
	2.8 Tag cable for future identification
3 Complete works on site	3.1 Record any approved alteration to original design using correct symbols and return to appropriate personnel
	3.2 Complete and sign reports, where required, according to enterprise policy
	3.3 Reinstate site to client's satisfaction and dispose of wastes in environmentally safe manner
	3.4 Notify appropriate personnel 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, 1.5	• Interprets textual information from relevant sources to identify relevant and key information

Writing	1.3, 3.1, 3.2, 3.4	• Uses clear, specific and industry related terminology to complete workplace documentation
Numeracy	1.7	• Takes readings and measurements and interprets results
Navigate the world of work	1.1, 1.2, 1.6, 1.7, 3.2, 3.3	• Complies with explicit policies, procedures and legislative requirements relevant to own role
Interact with others	1.3-1.5, 3.3, 3.4	• Identifies and follows accepted communication practices and protocols when liaising with clients, internal and external personnel on technical and operational matters
Get the work done	1.4-1.6, 2.1-2.8	• Determines job sequence and works logically and systematically to undertake clearly defined tasks • Analyses task requirements to decide on appropriate equipment and practices

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTCBL207 Haul underground cable	ICTCBL2064A Haul underground cable	Updated to meet standards for Training Packages Performance Criteria clarified	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2