



Australian Government

ICTWHS205 Work safely near power infrastructure at a telecommunications workplace

Release: 1

ICTWHS205 Work safely near power infrastructure at a telecommunications workplace

Modification History

Release	Comments
Release 1	This version released with ICT Information and Communications Technology Training Package Version 5.0.

Application

This unit describes the skills and knowledge required to conduct telecommunications operations near substantial safety hazards. It includes applying a risk management approach to a limited range of predictable problems when working at heights near electrical distribution infrastructure, radiation devices, or other services in confined spaces. This unit also includes the preparation of risk control measures within scope of own role that encompass job safety analysis.

It applies to telecommunications workers who perform work functions such as rigging, telecommunications installation and maintenance, and/or any other activity that requires working safely and complying with requirements and/or established procedures near live electrical apparatus.

It does not include any work that is or may be performed by other competent operatives within the defined 'safe work zone', which is defined by relevant state/territory regulatory agencies/bodies, local government legislation, industry bi-partite body, guidelines/codes of practice or other related requirements for safe work and access near live electrical and mechanical apparatus.

Work functions in the occupational areas where this unit may be used are subject to regulatory requirements and may require a licence/registration in relation to:

- work health and safety
- electricity/telecommunications/gas/water industry safety and compliance
- industrial relations
- anti-discrimination.

Age limits for operating certain equipment may also be covered by commonwealth, state/territory or local government legislation and regulations.

This unit does not cover legislative requirements for confined space entry, elevating work platform (EWP) operations, traffic control, or spotter/safety observation.

Unit Sector

Telecommunications – Workplace Health and Safety

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 work safely near live electrical apparatus	1.1 Receive and confirm instructions related to the work to be performed 1.2 Identify relevant requirements and established procedures to be followed and personnel to be contacted for the work to be performed 1.3 Receive and confirm work health and safety (WHS) policies and procedures and technical standards relevant to the work and worksite 1.4 Collaborate with other telecommunications workers in meeting the safety requirements for working near live electrical apparatus 1.5. Identify, receive and confirm scope of responsibility and issued work permit/s according to workplace requirements and established procedures 1.6 Identify and confirm that first aid, safety observers and/or other related work safety procedures are in place to be followed in the event of an incident 1.7 Identify processes for reporting customer issues to appropriate personnel 1.8 Confirm site and work schedule according to given instructions and established procedures 1.9 Use safe approach distances and apply safe work zones
2. Conduct risk assessment	2.1 Assess risks from electrical, radiation, gas and other services in or adjacent to the worksite according to established procedures 2.2 Assess safety of the worksite, earthing arrangements, and other services and support structures using appropriate monitoring equipment and according to established procedures 2.3 Complete a job safety analysis (JSA) or similar risk assessment record specific to site and work requirements, and report safety hazards to relevant personnel 2.4 Assess potential emergency situations relevant to the site 2.5 Take measurements to assess electrical potential or charge leakage into adjoining infrastructure according to established procedures 2.6 Perform electrical and mechanical pole tests to ensure it is safe to

ELEMENT	PERFORMANCE CRITERIA
	climb 2.7 Inspect all hand and power tools, ladders, climbing and lifting equipment apparatus before use
3. Apply enterprise risk management plan	3.1 Apply enterprise procedures to manage potential hazards and risks 3.2 Communicate and confirm risk management strategies with co-workers within scope of own role 3.3 Confirm safety procedures to ensure management of emergency situations are in place 3.4 Obtain safety equipment and personal protective equipment (PPE) 3.5 Delineate safe work zones and limits of approach to other services 3.6 Observe required road safety and traffic control measures according to established procedures 3.7 Implement safe strategies for working at heights and in confined spaces, according to regulatory requirements and within scope of own role
4. Complete work safely near live electrical apparatus	4.1 Report schedule and anomalies for completion and checking of work to authorised personnel, according to established procedures 4.2 Use safety equipment and PPE effectively 4.3 Use tested ladders, climbing and lifting equipment to work safely at heights, according to regulatory requirements and safety procedures 4.4 Operate hand and power tools safely at heights 4.5 Complete the work and ensure it complies with enterprise and industry earthing practices 4.6 Provide assistance in clearing worksite to ensure safety of telecommunications workers, the public and the telecommunications network 4.7 Complete work records and notify appropriate personnel that work is completed

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance, but not explicit in the performance criteria.

Skill	Description
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Skill	Description
Reading	<ul style="list-style-type: none"> • Reads and interprets documentation from a variety of sources and consolidates information to determine safety requirements
Writing	<ul style="list-style-type: none"> • Accurately records and completes enterprise safety documents and correspondence using clear language and correct spelling, grammar and terminology
Oral Communication	<ul style="list-style-type: none"> • Uses clear language, concepts, tone and pace appropriate for the audience to communicate safety outcomes
Navigate the world of work	<ul style="list-style-type: none"> • Understands rights and responsibilities and complies with legal and regulatory requirements • Complies with explicit policies and procedures • Explores and implements implicit expectations of policies and procedures
Interact with others	<ul style="list-style-type: none"> • Uses a limited range of accepted practices for communicating in a work environment
Get the work done	<ul style="list-style-type: none"> • Plans and implements routine tasks and workload making limited decisions on sequencing, timing and collaboration; and seeks assistance in setting priorities • Responds to predictable routine problems, implementing standard or logical solutions

Unit Mapping Information

No equivalent unit. Supersedes and is not equivalent to ICTWHS203 Work safely near power infrastructure.

Links

Companion Volume Implementation Guides are available from VETNet -

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