



Australian Government

ICTWHS201 Provide telecommunications services safely on roofs

Release: 1

ICTWHS201 Provide telecommunications services safely on roofs

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 to engage in safe work practices when installing or repairing telecommunications equipment on roof structures.

It applies to individuals employed as technicians and installers who are required to safely install or repair telecommunications equipment on roof structures. It includes planning, risk assessment and implementing control measures while undertaking telecommunications installation or repairs.

No licensing, legislative or certification requirements apply to this unit at the time of publication

Unit Sector

Telecommunications – Occupational 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. Follow workplace procedures for hazard identification and risk control	1.1 Notify customer and arrange site access 1.2 Recognise and report hazards in the work area to designated personnel according to workplace procedures 1.3 Follow work health and safety (WHS) legislative requirements, workplace procedures and work instructions to control risks 1.4 Comply with safe work practices for working safely on roofs and adhere to workplace environmental requirements throughout the work 1.5 Implement duty of care requirements to provide a safe working environment

ELEMENT	PERFORMANCE CRITERIA
	1.6 Complete job safety analysis (JSA) sheets according to work requirements, including hazard identification and risk assessment 1.7 Use and maintain personal protective equipment and personal safety equipment according to work requirements and apply fall protection and personal safety requirements according to regulatory requirements
2. Prepare for work on rooftop	2.1 Assess scope of work according to workplace procedures, relevant legislation, codes, regulations and standards and relevant job information details 2.2 Inspect site to determine layout and equipment requirements according to work order 2.3 Select materials, tools and equipment, including personal protective equipment, and check for serviceability 2.4 Inspect and install fall protection and perimeter protection equipment, ensuring adequacy for work and conformance to regulatory requirements 2.5 Install roof safety system according to workplace and regulatory requirements 2.6 Select and install appropriate signage and barricades
3. Perform telecommunications work on rooftop	3.1 Inspect access from ground to work area ensuring it is safe and according to regulatory requirements 3.2 Estimate total weight of material to be raised to rooftop to carry out the work 3.3 Determine and use the safest lifting method to bring materials and equipment to rooftop according to regulatory requirements. 3.4 Secure test equipment, hardware and tools safely on rooftop and distribute weight to eliminate risk of damage to roof cover 3.5 Inspect safety system periodically for compliance with regulations according to workplace procedures and report faults 3.6 Monitor risk control measures to ensure they are effective and appropriate to the task and work environment 3.7 Reassess risk control measures as required, according to changed work practices or site conditions and make alterations within scope of authority

ELEMENT	PERFORMANCE CRITERIA
4. Complete activities and documentations	4.1 Dismantle safety system according to prescribed sequence and remove from worksite 4.2 Clear work area and dispose of materials or recycle according to state and territory legislation and workplace procedures 4.3 Clean, check and maintain tools and equipment according to manufacturer's recommendations and workplace procedures 4.4 Complete documentation according to workplace requirements and notify customer for 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	2.6	Interprets textual information from sources to identify relevant safety signs
Writing	1.2, 1.6, 4.4	Prepares documentation and correspondence using clear language, correct spelling and terminology in the preparation of reports, JSA, SWMS and other reports
Oral Communication	1.1, 1.2, 4.4	Uses clear language and concepts, and tone and pace appropriate for the audience and purpose
Numeracy	3.2	Performs mathematical calculations to estimate, interpret and confirm safe roof loading
Navigate the world of work	1.3-1.5, 1.7, 2.1, 2.4, 2.5, 3.1, 3.3, 3.6, 3.7, 4.1-4.3	- Complies with explicit policies and procedures. - Explores and implements, where identified, the implicit expectations of policies and procedures
Interact with others	1.1, 1.2, 4.4	- Identifies and takes steps to follow accepted communication practices and protocols - Uses a limited range of accepted practices for communicating in a work environment
Get the work done	1.1, 1.2, 1.4-1.7, 2.1-2.6, 3.1-3.4, 3.6, 3.7, 4.1-4.4	- 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
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Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTWHS201 Provide telecommunications services safely on roofs	ICTOHS2080A Provide telecommunications services safely on roofs	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>

Assessment Requirements for ICTWHS201 Provide telecommunications services safely on roofs

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Performance Evidence

Evidence of ability to:

- locate, interpret and apply relevant information, standards and specifications for working safely on roofs
- apply safety requirements throughout the work sequence, including the use of personal protective equipment
- provide for erection, maintenance and dismantling of the fall and perimeter protection requirements for the site
- carry out a risk assessment ensuring:
 - correct identification of risks and safety requirements
 - correct selection and use of appropriate processes, tools and equipment
 - completion of all work to specification
 - compliance with regulations, standards and organisational quality procedures and processes
 - open communication and the ability to work effectively and safely with others.

Note: As a minimum, given the plans and specifications for the roof working area of a corner, extending at least 4 metres in either direction and greater than 1.8 m high, incorporating harnesses and harness fixing points for safe personal and stores access to the roof, stores and equipment locations

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- describe the purpose of job safety analysis (JSA) and safe work method statements
- identify the various hazards associated with working on roofs
- identify levels of responsibility when operating in a hazardous situation
- specify workplace procedures relating to working on roofs

- describe the hierarchy of control in a workplace health and safety environment in the context of:
 - hazards
 - risk
 - control
- list and describe common workplace practices that impact health and safety
- explain ‘duty of care’ and its relevance to workplace health and safety
- list and describe the use of safety personal protective equipment (PPE) and equipment used for working on roofs
- describe safe lifting methods
- explain reporting methods for safe work practices
- explain the nature of work undertaken on roofs
- list and apply processes of providing for safe working practices
- identify and comply with relevant statutory and regulatory authority requirements related to working safely on roofs
- identify and use roof safety equipment and systems and considerations to facilitate working safely on roofs
- apply SI system of measurement for measurement.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances should be typical of those experienced in the Telecommunications – Occupational Health and Safety field of work and include access to:

- site on roof where operations may be conducted
- induction procedure and requirements
- relevant specifications and work instructions
- tools and equipment appropriate to applying safe work practices
- support materials appropriate to activity
- workplace instructions relating to safe working practices and addressing hazards and emergencies
- relevant regulations, standards specifications and manuals, including industry related systems information.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume implementation guides are found in VETNet -

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