



Australian Government

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

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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.

Performance Evidence

Evidence of the ability to:

- produce and maintain the electromagnetic radiation (EMR) hazard-management plan for an on-site situation
- carry out work according to the EMR hazard management plan, job specifications and all work health and safety (WHS) regulations and standards.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

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

- explain the principles of EMR propagation from antenna
- identify features and operating requirements of rigging equipment
- outline licensing and regulatory issues applying to rigging practices and systems on telecommunications radio structures
- describe remote area first aid
- describe rigging practices and systems to telecommunications radio structures
- summarise EMR including:
 - sources and types of radio frequency EMR
 - associated risks
 - risk assessment and mitigation strategies
 - methods of detecting and reporting EMR hazards
 - potential dangers of overexposure
 - safety practices and devices
- outline optical fibre cabling and equipment safety practices

- outline the relevant requirements of WHS legislation, relevant regulations, and applicable site and company WHS procedures
- describe working-at-heights safety practices.

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 must be typical of those experienced in the telecommunications – telecommunications rigging installation field of work and include access to special purpose tools, equipment and materials.

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>