



**Australian Government**

# **Assessment Requirements for ICTTEN411**

## **Monitor, analyse and action telecommunications network alarms**

**Release: 1**

# Assessment Requirements for ICTTEN411 Monitor, analyse and action telecommunications network alarms

## 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 ability to:

- monitor and analyse a range of network alarms including use of fault history and ranking of likely causes
- ensure customers and relevant personnel are appropriately notified of network status
- undertake and monitor network repairs
- plan and coordinate actioning of network alarms.

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:

- define purpose of escalation policies and procedures for network alarm systems
- describe installed telecommunications systems and equipment
- explain principles and use of path protection
- outline key components of a telecommunications network
- evaluate commonly used test equipment and test procedures
- outline typical problems and challenges that arise in Network Operations Centres (NOCs) and in the field
- describe typical systems and procedures for monitoring alarms.

## 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 networks engineering field of work and include access to:

- sites on which local and remote monitoring and analysis of network alarms may be conducted
- manufacturer's technical documentation.

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>