Assessment Requirements for UEEDV0010 Select and arrange equipment for wireless communication networks

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Modification History

Release 1. This is the first release of this unit of competency in the UEE Electrotechnology Training Package.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least two separate occasions and include:

- applying work health and safety (WHS)/occupational health and safety (OHS) requirements, including:
  - using risk control measures
- arranging and selecting earthing components
- arranging earthing
- arranging locations of equipment and cable routes
- arranging network equipment
- documenting installation arrangement, specification for items selected and reasons for the selections made
- documenting justification for selection and calculations
- planning and selecting types and sizes of cables
- planning cable routes
- selecting electronic equipment types for the environment
- selecting network equipment and obtaining documentation of equipment.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- operating systems and networks
- relevant cable routes and earthing
- relevant cables, components and equipment
- relevant industry standards
- relevant manufacturer specifications and installing instructions
- relevant job safety assessments or risk mitigation processes
- relevant WHS/OHS legislated requirements
- relevant workplace documentation, including:

- wireless network documentation
- relevant workplace policies and procedures
- wireless network components for local area networks (LANs) and wide area networks (WANs)
- wireless network configurations
- wireless network security.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in suitable workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated suitable workplace operational situations that replicate workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- relevant and appropriate materials, tools, facilities and equipment currently used in industry
- resources that reflect current industry practices in relation to selecting and arranging equipment for wireless networks
- applicable documentation, including workplace procedures, equipment specifications, regulations, codes of practice and operation manuals.

Links

Companion Volume implementation guides are found in VETNet - - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b8a8f136-5421-4ce1-92e0-2b50341431b6