Assessment Requirements for UEEEC0004 Assemble and set up fixed video/audio components and systems in buildings and premises

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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, performance criteria and range of conditions on at least two separate occasions and include:

- applying relevant risk identification, assessment, reporting and control requirements
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including the use of risk control measures
- applying sustainable energy principles and practices
- completing relevant documentation, including handing over all system/component documents to the customer
- connecting components in accordance with manufacturer instructions
- coordinating work with relevant person/s
- dealing effectively with unplanned events
- determining scope of work
- identifying and accessing materials, tools, apparatus and testing devices
- isolating circuits/machines/system
- placing and securing components and accessories accurately
- reading and interpreting drawings of circuit arrangements and component locations
- setting functional controls to customer's requirements
- terminating cable and conductors correctly
- testing functional operation.

Knowledge Evidence

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

- relevant manufacturer specifications
- relevant safe work method statements (SWMS)/job safety assessments or risk mitigation processes
- relevant WHS/OHS legislated requirements

- relevant workplace documentation
- relevant workplace policies and procedures
- video/audio components and system assembly and setting up in buildings and premises, including:
  - electronic safe working practices
- audio reproduction electronic components, including:
  - graphic equalisers
  - power and integrated amplifiers
  - preamplifiers
- audio reproduction and speaker fundamentals
- audio/video recording and replay components repair basics
- audio/video control equipment
- relevant standards, codes and regulations
- sound reproduction fundamentals
- video systems installation.

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 suitable simulated 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, equipment and personal protective equipment (PPE) currently used in industry
- resources that reflect current industry practices in relation to assembling and setting up fixed audio/video components and systems in buildings and premises
- 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