



Australian Government

UEEEEC0004 Assemble and set up fixed video/audio components and systems in buildings and premises

Release: 1

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Modification History

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

Application

This unit involves the skills and knowledge required to assemble and set up fixed video/audio components and systems in buildings and premises.

It includes preparing to install audio/video components and systems, installing audio/video components and systems, completing installation work and reporting.

Permits may be required for some work environments, such as confined spaces, working aloft, near live electrical apparatus and site rehabilitation.

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

Pre-requisite Unit

UEECD0007 Apply work health and safety regulations, codes and practices in the workplace

UEECD0019 Fabricate, assemble and dismantle utilities industry components

UEECD0020 Fix and secure electrotechnology equipment

UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications

UEECD0025 Lay wiring/cabling and terminate accessories for extra-low voltage (ELV) circuits

Competency Field

Electronics and Communications

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential Performance criteria describe the performance needed to

outcomes.

demonstrate achievement of the element.

1 Prepare to install audio/video components and systems

- 1.1** Work health and safety (WHS)/occupational health and safety (OHS) requirements and workplace procedures for relevant work area are identified, obtained and applied
- 1.2** WHS/OHS risk control measures are followed in preparation for the work
- 1.3** Safety hazards which have not previously been identified are reported and advice on risk control measures are sought from the work supervisor
- 1.4** Nature and location of the work is obtained from relevant person/s to determine the scope of work
- 1.5** Instructions for coordinating work with others is obtained from relevant person/s and applied
- 1.6** Materials required for the work are determined in accordance with workplace procedures
- 1.7** Tools, equipment and testing devices required for work are obtained and checked for correct operation and safety

2 Install audio/video components and systems

- 2.1** Workplace risk control measures and procedures are applied
- 2.2** Circuits/machines/plant are checked and isolated, as required, in accordance with WHS/OHS requirements and workplace procedures
- 2.3** Audio/video components are installed in accordance with relevant industry standards and job specifications with sufficient excess to affect terminations
- 2.4** Accessories are installed straight and square in required locations within acceptable tolerances
- 2.5** Cables and conductors are terminated at accessories in accordance with manufacturer specifications and regulatory requirements
- 2.6** Unplanned events are reported to relevant person/s in accordance with workplace procedures
- 2.7** Installation is conducted efficiently without waste of materials, damage to apparatus, circuits or the

surrounding environment applying sustainable energy practices

3 Complete installation work and report

- 3.1** WHS/OHS work completion risk control measures and procedures are followed
- 3.2** Worksite is cleaned and made safe in accordance with workplace procedures
- 3.3** Completion of installation is reported to relevant person/s in accordance with workplace procedures

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the UEE Electrotechnology Training Package Companion Volume Implementation Guide.

Assembling and setting up fixed video/audio components and systems must include at least the following:

- assembling and setting up fixed audio/video systems in buildings and premises

Systems must include the following:

- surround sound and multi-room speakers
- central audio and home theatre components

Unit Mapping Information

This unit replaces and is equivalent to UEENEEH106A Assemble and set up fixed video/audio components and systems in buildings and premises.

Links

Companion Volume implementation guides are found in VETNet - -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b8a8f136-5421-4ce1-92e0-2b50341431b6>