



Australian Government

UEEEEC0062 Set up and test residential video/audio equipment

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 set up and test residential video/audio equipment.

It includes preparing to set up audio/video equipment, setting up audio/video equipment, completing system set-up and reporting.

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

Competency Field

Electronics and Communications

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare to set up audio/video equipment

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- 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** Risk control measures and are applied in accordance with workplace procedures prior to commencing work

- 1.3 Risks/hazards are identified, assessed and reported to relevant person/s, and control measures implemented
 - 1.4 System details are obtained from purchase documentation or relevant person/s to determine scope of work
 - 1.5 Instructions for coordinating work with others is obtained from relevant person/s and applied
 - 1.6 Materials required for work are obtained and checked in accordance with workplace procedures
 - 1.7 Tools and testing devices required for work are obtained and checked for correct operation and safety
- 2 Set up audio/video equipment**
 - 2.1 Workplace risk control measures and workplace procedures are applied
 - 2.2 Need to test and measure live work is determined in accordance with WHS/OHS requirements and workplace procedures
 - 2.3 Circuits/components are isolated, where necessary, in accordance with WHS/OHS requirements and workplace procedures
 - 2.4 System components are unpacked, checked for damage and meet requirements for scope of work
 - 2.5 System components are placed for optimum performance within constraints imposed by the area and customer
 - 2.6 Systems components are connected in accordance with manufacturer instructions
 - 2.7 System functions are set to customer's requirements and tested for correct operation
 - 2.8 Unplanned events are reported to relevant person/s in accordance with workplace procedures
 - 2.9 System set-up is conducted efficiently without waste of materials, damage to apparatus, the surrounding environment or services applying sustainable energy practices
- 3 Complete system set-up**
 - 3.1 Workplace risk control measures and workplace

and report

procedures are applied

- 3.2 Work area is cleaned and made safe in accordance with workplace routines
- 3.3 System/component documentation is handed over to the customer
- 3.4 Relevant person/s is notified of work completion 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.

Setting up and testing residential audio/video equipment must include at least the following:

- an audio system consisting of at least two speakers, with two different audio sources and a preamplifier/power amplifier; or an integrated amplifier/tuner/player
- an audio/video system consisting of television receiver, 5-channel amplifier, five speakers and an audio/video player

Unit Mapping Information

This unit replaces and is equivalent to UEENEEH104A Set up and test residential video/audio equipment.

Links

Companion Volume implementation guides are found in VETNet - -

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