



Australian Government

UEECD0020 Fix and secure electrotechnology 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 fix, secure and mount electrotechnology equipment to hollow walls, solid walls and metal fixings.

It includes the safe use of hand and portable tools/ power tools and the selection and safe application of fixing devices and supporting accessories/equipment.

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

Cross Discipline

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare to fix and secure electrotechnology 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 a given work area are identified and applied
- 1.2** Hazards are identified, risks are assessed and control measures are implemented

- 1.3** Scope of work to be undertaken is obtained from relevant documentation and/or from work supervisor
 - 1.4** Advice is sought from work supervisor to ensure work is coordinated effectively with others
 - 1.5** Materials required for the work are identified and obtained in accordance with workplace procedures
 - 1.6** Fixing devices are selected for their suitability for the environment, weight of the load they are supporting and sub-stratums into which they are being installed in accordance with manufacturer specifications and safe load limits
 - 1.7** Supporting accessories/equipment are selected for their suitability for the environment and ability to support and protect from damage in accordance with workplace procedures
 - 1.8** Tools, equipment and testing devices needed to carry out the work are obtained and checked for correct operation and safety in accordance with workplace procedures
- 2 Install fixing and support devices**
- 2.1** Exposed and/or conductive parts, plant or machinery are confirmed as isolated in consultation with authorised person
 - 2.2** WHS/OHS risk control measures relevant to work site are followed
 - 2.3** Fixing devices are installed in accordance with manufacturer instructions, regulatory requirements and workplace procedures
 - 2.4** Support accessories/equipment are installed accurately in accordance with industry technical standards, regulatory requirements and job specifications
 - 2.5** Work is carried out without waste of materials or damage to apparatus or circuits, the surrounding environment or services and using sustainable energy practices
- 3 Complete fixing and support work**
- 3.1** WHS/OHS risk control measures for work completion are followed
 - 3.2** Worksite is tidied and tools and equipment cleaned and

securely stored in accordance with workplace procedures

- 3.3** Relevant personnel are 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.

Fixing and securing electrotechnology equipment must include:

- installation
- maintenance or development work functions

Unit Mapping Information

This unit replaces and is equivalent to UEENEEE105A Fix and secure electrotechnology equipment.

Links

Companion Volume implementation guides are found in VETNet - -

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