



Australian Government

UEERL0003 Conduct in-service safety testing of electrical cord connected equipment and cord assemblies

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 conduct in-service safety testing of electrical cord connected equipment and cord assemblies.

It includes working safely, using portable appliance tester (PAT), identifying faults, applying tagging, arranging for repair of faulty equipment and complete testing documentation.

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

Restricted Licensing

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1 Prepare to test cord connected apparatus and cord assemblies	1.1 Work health and safety (WHS)/occupational health and safety (OHS) procedures for a given work area are identified, obtained and applied
	1.2 WHS/OHS risk control work preparation measures and procedures are followed

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| | 1.3 | Advice is sought from relevant person/s to ensure work is effectively coordinated with others |
| | 1.4 | Cord connected apparatus and cord assemblies to be tested are obtained in accordance with workplace procedures |
| | 1.5 | PAT device is checked for correct operation and safety in accordance with relevant industry standards and workplace procedures |
| 2 | Test cord connected apparatus and cord assemblies | |
| | 2.1 | WHS/OHS risk control work measures and procedures are followed |
| | 2.2 | Measures are followed to ensure that cord connected apparatus and cord assemblies to be tested are not connected to the electrical supply in accordance with relevant industry standards |
| | 2.3 | Electrical safety requirements and parameters are applied to ensure correct test results are in accordance with relevant industry standards |
| | 2.4 | Visual inspection and checks of the cord connected apparatus and cord assemblies are carried out in accordance with workplace procedures to detect any abnormal damage or fault |
| | 2.5 | Approval is obtained in accordance with workplace procedures from relevant person/s before any contingencies are implemented |
| | 2.6 | PAT routines are followed to test cord connected apparatus and cord assemblies in accordance with workplace procedures |
| | 2.7 | Unsafe cord connected apparatus and cord assemblies are identified from test results in accordance with workplace procedures |
| | 2.8 | Testing is undertaken effectively to minimise waste of energy and damage to apparatus |
| 3 | Tag cord connected apparatus and cord assemblies and document testing activities | |
| | 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 Cord connected apparatus and cord assemblies are tagged in accordance with workplace procedures for their safety status
- 3.4 Arrangements are made for unsafe cord connected apparatus and cord assemblies to be repaired by relevant person/s
- 3.5 Safety testing activities are documented in accordance with relevant industry standards and 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.

In-service safety testing must include the following:

- at least two different electrical cords and three different items of cord connected equipment with safety faults, including:
 - a device containing an element
 - a device containing a motor
 - a device containing metal oxide varistors (MOV)

Unit Mapping Information

This unit replaces and is equivalent to UEENEEP026A Conduct in-service safety testing of electrical cord connected equipment and cord assemblies.

Links

Companion Volume implementation guides are found in VETNet - -

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

