



Australian Government

UEEEEC0005 Assess electronic apparatus compliance

Release: 1

UEEEEC0005 Assess electronic apparatus compliance

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 assess electronic apparatus compliance with relevant industry standards and regulations for certification or approval.

It includes preparing and evaluating electronic apparatus in determining specified compliance requirements, inspecting and setting up performance tests, evaluating inspection and test results, and documenting evaluation outcomes.

The skills and knowledge described in this unit require a licence or permit to practice in the workplace where work is carried out on electrical installations which are designed to operate at voltages greater than 50 volt (V) alternating current (a.c.) or 120 V direct current (d.c.).

Competency development activities in this unit are subject to regulations directly related to licensing. Where a licence or permit to practice is not held, skills and knowledge described in this unit require a relevant contract of training, such as an Australian Apprenticeship.

Additional and/or other conditions may apply in some jurisdictions subject to regulations related to electrical work. Practice in the workplace and during training is also subject to work health and safety (WHS)/occupational health and safety (OHS) regulations.

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

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

Pre-requisite Unit

Not applicable

Competency Field

Electronics and Communications

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare to evaluate electronic apparatus compliance

PERFORMANCE CRITERIA

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

- 1.1** WHS/OHS processes and workplace procedures for a given work area are identified, obtained and applied
- 1.2** Hazards are identified, WHS/OHS risks are assessed, and control measures and workplace procedures are implemented in preparation for work
- 1.3** Examination and testing areas are checked for safety hazards and risk control measures are implemented in accordance with workplace safety policy and procedures
- 1.4** Relevant documentation is obtained and read to determine the certification/approval specifications for which the apparatus/equipment is to be assessed
- 1.5** Advice is sought from the relevant supervisor to ensure work is coordinated effectively with others
- 1.6** Tools, testing devices and materials needed to carry out work are obtained and checked for correct operation and safety

2 Evaluate electronic apparatus compliance

- 2.1** WHS/OHS risk control measures and workplace procedures for carrying out evaluation work are followed
- 2.2** Need to inspect, test or measure live work is determined in accordance with WHS/OHS requirements and workplace safety procedures
- 2.3** Circuits/machines/plant are checked and isolated in accordance with WHS/OHS requirements and workplace procedures
- 2.4** Operating requirements of the electronic apparatus are identified and applied to the assessment process
- 2.5** Apparatus examination, inspection and tests are set up in accordance with certification/approval specifications, test methods and workplace procedures

- | | | |
|--|------------|---|
| | 2.6 | Apparatus examination, inspection and tests are carried out methodically with results and comments systematically documented in accordance with certification/approval specification requirements |
| | 2.7 | Unplanned situations are dealt with safely and with the approval of an authorised person/s |
| | 2.8 | Assessment is carried out without unnecessary damage to apparatus, circuits, the surrounding environment or services using sustainable energy practices |
| 3 Complete work and document evaluation results | 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 | Examination, inspection and test results are evaluated and non-compliance issues identified |
| | 3.4 | Examination, inspection, test results and comments on non-compliance issues are documented and reported to appropriate 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.

Assessing electronic apparatus compliance must include at least two different electronic apparatus of the following:

- audio amplifiers
- radio and televisions receivers
- video displays
- audio and video recording/replay devices
- two-way radios
- cell phones
- instrumentation devices

- control devices

Unit Mapping Information

This unit replaces and is equivalent to UEENEEH147A Assess electronic apparatus compliance.

Links

Companion Volume implementation guides are found in VETNet - -

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