



Australian Government

UEEEEC0059 Repair routine business equipment faults

Release: 1

UEEEEC0059 Repair routine business equipment faults

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 repair routine business equipment faults. It includes preparing to repair business equipment, repairing business equipment, and completing and reporting on repair work activities.

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

Competency Field

Electronics and Communications

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare to repair business 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 are applied in accordance with workplace procedures prior to commencing work
 - 1.3 Nature of the repair is obtained from documentation or from relevant person/s to determine the scope of work
 - 1.4 Instructions for coordinating work with others is obtained from relevant person/s and applied
 - 1.5 Materials required for the work are determined in accordance with workplace procedures
 - 1.6 Tools, apparatus and testing devices required for work are obtained and checked for correct operation and safety
- 2 **Repair business equipment**
 - 2.1 Workplace risk control measures and procedures are applied
 - 2.2 The need to test and measure live work is determined in accordance with WHS/OHS requirements and workplace procedures
 - 2.3 Circuits/equipment are isolated, where necessary, in accordance with WHS/OHS requirements and workplace procedures
 - 2.4 Predictable faults are confirmed in accordance with testing procedures
 - 2.5 Apparatus is dismantled in accordance with manufacturer service guides and instructions from relevant person/s
 - 2.6 Component parts are tagged and stored during dismantling to protect against damage and loss and to ensure correct and efficient reassembly
 - 2.7 Repairs are made in accordance with manufacturer service guides and instructions from relevant person/s
 - 2.8 Apparatus is assembled in correct sequence with all components parts placed, secured and connected in accordance with manufacturer guides or industry practice
 - 2.9 Repaired equipment is tested in accordance with workplace procedures to verify it functions correctly

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| | 2.10 | Unplanned events are reported to relevant person/s in accordance with workplace procedures |
| | 2.11 | Repairs are conducted efficiently without waste of materials, damage to apparatus, the surrounding environment or services applying sustainable energy practices |
| 3 Complete and report repair work activities | 3.1 | Workplace risk control measures and workplace procedures are applied |
| | 3.2 | Work area is cleaned and made safe in accordance with workplace procedures |
| | 3.3 | Equipment is placed into service and relevant person/s notified of repair work completion in accordance with workplace procedures |
| | 3.4 | Relevant reporting is completed 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.

Carrying out routine repairs to business equipment must include at least the following:

- confirming at least two predictable faults in low volume (up to 40 ppm) different types of equipment
- following routine procedures to repair faults

Unit Mapping Information

This unit replaces and is equivalent to UEENEEH103A Repair routine business equipment faults.

Links

Companion Volume implementation guides are found in VETNet - -

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