



Australian Government

UEEAS0003 Modify electronic sub-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 modify electronic sub-assemblies.

It includes working safely, checking components against job specifications, testing and following quality procedures.

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

Pre-requisite Unit

UEEAS0001 Assemble electronic components

UEECD0007 Apply work health and safety regulations, codes and practices in the workplace

Competency Field

Assembly

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare to modify electronic sub-assemblies

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, obtained and applied
- 1.2** WHS/OHS risk control measures for work preparation are followed

- 1.3 Scope of rework is determined from documentation or from work supervisor
 - 1.4 Re-work of sub-assemblies is coordinated with others involved in the work to ensure work schedules are met and safety measures are followed
 - 1.5 Sources of materials required for work are in accordance with workplace procedures
 - 1.6 Tools and equipment required for re-work are selected for their effectiveness and checked for correct operation and safety
- 2 **Modify sub-assemblies**
 - 2.1 WHS/OHS risk control work measures and procedures are followed
 - 2.2 Need to inspect, test and measure live work is determined in accordance with WHS/OHS requirements and workplace procedures
 - 2.3 Circuits are checked and isolated in accordance with WHS/OHS requirements and workplace procedures
 - 2.4 Components are disconnected and reconnected in accordance with relevant industry and technology of connection methods used
 - 2.5 Work is carried out in accordance with quality procedures and workplace/industry standards
 - 2.6 Re-work of sub-assemblies is completed in accordance with timeframes and environment and workplace conditions
- 3 **Check quality of modified sub-assemblies**
 - 3.1 WHS/OHS risk control measures for work completion are followed
 - 3.2 Quality of re-work is checked in accordance with workplace/industry standards
 - 3.3 Functional tests on re-worked sub-assemblies are carried out in accordance with workplace procedures
 - 3.4 Actions are taken to rectify defects within the scope of workplace procedures
 - 3.5 Report forms/data sheets on re-work of sub-assemblies are 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 Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to UEENEEA104A Modify electronic sub assemblies.

Links

Companion Volume implementation guides are found in VETNet - -

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