



Australian Government

UEEAS0004 Select electronic components for assembly

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 select electronic components for assembly from job specifications.

It includes preparing, selecting electronic components for assembly, and completing workplace report.

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

Assembly

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare electronic components

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** Work instructions are obtained and applied

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|---------------------------------------|------------|---|
| | 1.3 | Advice is sought from supervisor to ensure work is coordinated effectively with others |
| | 1.4 | Materials required for work are obtained in accordance with workplace procedures |
| | 1.5 | Tools, equipment and testing devices needed to carry out work are obtained and checked for correct operation and safety |
| 2 Select electronic components | 2.1 | WHS/OHS risk control measures and workplace procedures are followed |
| | 2.2 | Electronic components are selected, sorted and placed in accordance with work instructions |
| | 2.3 | Problem-solving techniques are used to resolve issues with supply of component in accordance with workplace procedures |
| | 2.4 | Quality checks of components are in accordance with work instructions and relevant industry standards |
| | 2.5 | Work is completed in acceptable timeframe given environment and workplace conditions |
| 3 Complete work report | 3.1 | WHS/OHS risk control measures and workplace procedures for work completion are followed |
| | 3.2 | Workplace report/s on component/s are completed in accordance with work instructions 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.

Selecting components for assembly must include at least two different electronic

- a chassis
- printed circuit board

apparatus. These apparatuses must consist of the following basic features:

- adjustment components and interconnections

Unit Mapping Information

This unit replaces and is equivalent to UEENEEA102A Select electronic components for assembly.

Links

Companion Volume implementation guides are found in VETNet - -

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