



Australian Government

UEEEL0058 Plan large electrical projects

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 plan large electrical projects.

It includes preparing and developing project plans for approval. It also includes establishing budgets and critical path analysis; developing workflow strategies; and documenting, presenting and negotiating budgets and timelines.

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

Electrical

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare to plan project

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) processes and workplace procedures for a given work area are identified, obtained and applied
- 1.2 Project planning techniques are reviewed and adopted in accordance with workplace procedures

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| | 1.3 | Scope of the project is identified from design brief specification and/or relevant documentation and from discussions with relevant person/s |
| 2 Develop project plan proposal | 2.1 | Estimated plant, material, labour and related costs are sought from relevant person/s in accordance with workplace procedures |
| | 2.2 | Project budget is established from estimated plant, material, labour and related costs in accordance with workplace procedures |
| | 2.3 | Critical path analysis is applied to develop workflow strategies |
| | 2.4 | Sources and availability of materials and resources needed for the project are identified in accordance with workplace procedures |
| | 2.5 | Risk management strategies are sought and obtained for incorporating in the project plan |
| | 2.6 | Project plan is reviewed against all inputs and adjusted to rectify any anomalies |
| | 2.7 | Project plan proposal is documented in accordance with workplace procedures |
| 3 Obtain approval for project plan | 3.1 | Project plan is presented and discussed with relevant person/s |
| | 3.2 | Alterations to the project plan resulting from the presentation/discussion are negotiated with relevant person/s in accordance with workplace procedures |
| | 3.3 | Final project plan is documented and approval obtained from relevant person/s |

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.

Unit Mapping Information

This unit replaces and is equivalent to UEENEEG170A Plan large electrical projects.

Links

Companion Volume implementation guides are found in VETNet - -

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