



Australian Government

UEECD0014 Develop design briefs for electrotechnology 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 develop design briefs for electrotechnology projects.

It includes preparing and developing project design briefs. It also includes obtaining approval of designs.

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

Pre-requisite Unit

Not applicable

Competency Field

Cross Discipline

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare to develop project design briefs

PERFORMANCE CRITERIA

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

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|------------|---|
| 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 | Techniques for project planning are reviewed and applied in accordance with workplace procedures |

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| | 1.3 | Project is evaluated and parameters determined using a formal evaluation/survey in accordance with workplace procedures |
| | 1.4 | Relevant person/s is consulted and/or site visits conducted to identify other works impacting on project |
| | 1.5 | Project budget is determined by deliverables and quality in accordance with workplace procedures and project parameters |
| 2 Develop design proposal | 2.1 | Project design brief is developed with scenarios/requirements in consultation with relevant person/s and in accordance with relevant industry standards |
| | 2.2 | Project design brief is developed in collaboration with relevant design professional/s and/or contractor/s involved in the project |
| | 2.3 | Relevant person/s required for the project is identified and their role/s specified in the project design brief |
| | 2.4 | Project design brief is reviewed against inputs and adjusted to rectify any anomalies |
| | 2.5 | Project design brief proposal is documented in accordance with workplace procedures |
| 3 Obtain approval for project design briefs | 3.1 | Project design brief is presented and discussed with relevant person/s |
| | 3.2 | Alterations to the project design brief resulting from the presentation/discussion are negotiated with relevant person/s in accordance with workplace procedures |
| | 3.3 | Final project design brief 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.

Developing requirements to be incorporated into the design of electrotechnology projects must include at least the following:

- safety requirements met
- client expectations established
- cost-effective solutions pursued and assured
- design requirements documented

Unit Mapping Information

This unit replaces and is equivalent to UEENEEE015B Develop design briefs for electrotechnology projects.

Links

Companion Volume implementation guides are found in VETNet - -

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