



Australian Government

UEEEL0015 Manage 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 manage large electrical projects.

It includes identifying the scope of the project; managing safety, budget variation, personnel, resources and critical path timelines; and completing documentation.

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 Identify the scope of the project

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 | Project deliverables and budget are identified from project planning, relevant documentation and discussions with relevant person/s |

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| | 1.3 | Measurable outcomes are identified to evaluate the project on completion from project planning and relevant documentation |
| | 1.4 | Plant, materials and skills required to meet project outcome are identified from project planning and relevant documentation |
| | 1.5 | Processes and workplace procedures are developed for managing contract variations from discussions with relevant person/s and in accordance with contractual agreement |
| 2 | Manage project within scope | |
| | 2.1 | WHS/OHS requirements, workplace procedures and programs are implemented and monitored |
| | 2.2 | Achievement of project outcomes is delegated to relevant person/s involved in the project |
| | 2.3 | Risk events are identified and project plan strategies implemented to ensure the outcomes are achieved to a safety and quality standard in accordance with contractual agreement and workplace procedures |
| | 2.4 | Procurement processes are monitored to ensure supply of plant and materials in accordance with workplace procedures |
| | 2.5 | Project progress is monitored in accordance with schedule, quality requirements and budget |
| | 2.6 | Conflict issues on worksite, between stakeholders, clients and regulators are identified and managed in accordance with workplace procedures |
| | 2.7 | Variations are managed in accordance with workplace procedures and contractual agreement |
| | 2.8 | Project records are maintained and progress reports written and forwarded to all relevant person/s |
| 3 | Complete project and relevant documentation | |
| | 3.1 | Project outcomes, plan, implemented risk strategies, contract variations, safety record and budget are evaluated in accordance with contractual agreement and workplace procedures |
| | 3.2 | Project completion and acceptance is sought from relevant person/s with relevant documentation 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.

Unit Mapping Information

This unit replaces and is equivalent to UEENEEG169A Manage 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>