



Australian Government

UEERE0068 Develop strategies to address sustainability issues for electrical installations

Release: 1

UEERE0068 Develop strategies to address sustainability issues for electrical installations

Modification History

Release 1. This is the first release of this unit of competency in the UEE Electrotechnology Training Package.

This unit replaces and is not equivalent to UEERE0014 Develop strategies to address sustainability issues for electrical installations. Modifications include:

- Prerequisites changed
- Several unnecessary performance criteria and ones that duplicated others removed
- Performance and Knowledge Evidence updated.

Application

This unit involves the skills and knowledge required to develop strategies to address sustainability issues for electrical installation.

It includes identifying, developing and documenting strategies to address sustainability issues. It also includes developing strategies to address greenhouse gases and sustainability issues for residential, commercial and industrial electrical installations; gathering and analysing data and applying problem-solving techniques.

This unit is appropriate for Licenced Electricians or Electrical Engineers with responsibility for developing strategies to address sustainability issues for electrical installations.

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

Pre-requisite Unit

UEEEL0039 Design, install and verify compliance and functionality of general electrical installations

or

UEERE0051 Apply electrical principles to renewable energy design

Competency Field

Renewable Energy

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

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

1 Identify sustainability issues for electrical installation

- 1.1** Work health and safety (WHS)/occupational health and safety (OHS) requirements and workplace procedures are identified and applied
- 1.2** Extent of sustainability issues are determined from performance specifications, situation reports and in consultation with relevant person/s
- 1.3** Work activities are planned to meet scheduled timelines in consultation with relevant person/s
- 1.4** Strategies are determined to ensure solution development and implementation is completed

2 Develop strategies to address electrical installation sustainability issues

- 2.1** Sustainability principles are applied to develop strategies to address greenhouse gas emissions
- 2.2** Parameters, specifications and performance requirements of sustainability issues are determined in accordance with workplace procedures
- 2.3** Solutions for sustainability issues are analysed and selected
- 2.4** Quality of work is monitored against workplace procedures

3 Document strategies for electrical installation sustainability issues

- 3.1** Solutions to sustainability issues are tested for effectiveness and modified, as required
- 3.2** Final solutions are documented, including instructions for implementation, and relevant person/s notified in accordance with workplace procedures
- 3.3** Person/s authorised and qualified to implement solutions to sustainability issues is consulted in accordance with workplace procedures
- 3.4** Solutions used to solve sustainability issues are justified and documented 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 not equivalent to UEERE0014 Develop strategies to address sustainability issues for electrical installations.

Links

Companion Volume Implementation Guides are found in VETNet -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b8a8f136-5421-4ce1-92e0-2b50341431b6>