



Australian Government

UEERE0021 Provide basic sustainable energy solutions for energy reduction in residential premises

Release: 1

UEERE0021 Provide basic sustainable energy solutions for energy reduction in residential premises

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 provide sustainable energy solutions for energy reduction in residential premises.

It includes preparing for and conducting monitoring of energy usage and providing solutions for energy reduction. It also includes completing monitoring activities and reporting.

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

Pre-requisite Unit

Not applicable

Competency Field

Renewable Energy

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

- 1 Prepare to monitor energy usage and provide solutions for energy reduction**

PERFORMANCE CRITERIA

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

- 1.1** Monitoring activities are planned and prepared in accordance with work health and safety (WHS)/occupational health and safety (OHS) policies and workplace procedures and work is sequenced in accordance with requirements

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| | 1.2 | Relevant person/s is consulted to ensure work is coordinated effectively with others |
| | 1.3 | Materials are obtained and checked in accordance with workplace procedures and job requirements |
| | 1.4 | Location of monitoring activities is determined from job requirements |
| 2 Undertake monitoring of energy usage and provide solutions for energy reduction | 2.1 | WHS/OHS policies and procedures for monitoring activities are applied |
| | 2.2 | Monitoring activities are conducted in accordance with requirements without damage or distortion to the surrounding environment or services |
| | 2.3 | Sustainable energy options are determined from energy consumption monitoring activities, measurements and calculations |
| | 2.4 | Unplanned events or conditions are responded to in accordance with workplace procedures |
| | 2.5 | Approval is obtained from relevant person/s before any energy reduction solutions are implemented in accordance with workplace procedures |
| | 2.6 | Quality checks are conducted in accordance with workplace procedures |
| 3 Complete monitoring activities and report | 3.1 | Documentation/reports are completed in accordance with administrative requirements |
| | 3.2 | Relevant person/s is notified of work completion 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 UEENEEK112A Provide basic sustainable energy solutions for energy reduction in residential premises.

Links

Companion Volume implementation guides are found in VETNet - -

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