



Australian Government

**UEERE0017 Maintain and repair facilities
associated with remote area essential
service operations**

Release: 2

UEERE0017 Maintain and repair facilities associated with remote area essential service operations

Modification History

Release 2. This minor update is the second release of this unit of competency in the UEE Electrotechnology Training Package.

Typographic error in prerequisite option requirements fixed.

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 maintain and repair facilities associated with remote area essential service operations.

It includes preparing for, conducting, completing and reporting on maintenance and repair of facilities.

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

UEECD0019 Fabricate, assemble and dismantle utilities industry components

and

UEECD0043 Solve problems in direct current circuits

or

UEECD0044 Solve problems in multiple path circuits

UEECD0046 Solve problems in single path circuits

or

UEECD0042 Solve problems in ELV single path circuits

UEECD0044 Solve problems in multiple path circuits

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 Prepare to maintain and repair facilities

- 1.1** Work health and safety (WHS)/occupational health and safety (OHS) requirements for a remote area power supply (RAPS) plant are identified and applied in accordance with workplace routines and procedures
- 1.2** Risks are identified, assessed and control measures applied in accordance with workplace procedures prior to commencing work
- 1.3** Risks/hazards are identified, assessed, reported to relevant person/s and control measures implemented
- 1.4** Nature and location of service facilities are obtained from documentation or from relevant person/s to determine the scope of work
- 1.5** Advice on coordinating work with others and the local community is obtained from relevant person/s and applied
- 1.6** Sources of materials required for work are identified and accessed in accordance with workplace routines and procedures
- 1.7** Tools, equipment and testing devices required for work are obtained and checked for correct operation and safety

2 Maintain and repair facilities

- 2.1** Workplace risk control measures and procedures are applied
- 2.2** Circuits/machines/plant are isolated in accordance with WHS/OHS requirements and workplace procedures
- 2.2** Facilities are checked to identify deterioration and damage in accordance with workplace procedures

- 2.4 Faulty and damaged facilities are repaired in accordance with workplace procedures
 - 2.5 Maintenance and repairs are carried out safely and within the prescribed limits, routines and procedures
 - 2.6 Non-routine events are referred to relevant person/s for directions in accordance with workplace procedures
 - 2.7 Maintenance and repair work is conducted minimising waste of materials, energy, damage to apparatus, circuits, the surrounding environment and services
 - 2.8 Quality checks are conducted in accordance with instructions and workplace procedures
- 3 Complete maintenance and repair work report**
- 3.1 Workplace risk control measures and procedures are applied
 - 3.2 Worksite is cleaned and made safe in accordance with workplace procedures
 - 3.3 Maintenance issues beyond the scope of work are referred to relevant person/s in accordance with workplace procedures
 - 3.4 Work completed is reported to relevant person/s in accordance with maintenance reporting and 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 UEENEEK117A Maintain and repair facilities associated

with remote area essential service operations.

Links

Companion Volume Implementation Guides are found in VETNet -

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