



Australian Government

UEERE0056 Coordinate maintenance of renewable energy (RE) apparatus and systems

Release: 1

UEERE0056 Coordinate maintenance of renewable energy (RE) apparatus and systems

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 UEERE0027 Co-ordinate maintenance of renewable energy (RE) apparatus and systems. Modifications include:

- Prerequisites changed
- Significant amendments made to Elements and Performance Criteria
- Range of conditions updated
- Amendments to Performance and Knowledge Evidence.

Application

This unit involves the skills and knowledge required to coordinate maintenance of renewable energy (RE) apparatus and systems.

It includes preparing for, conducting and completing coordination of maintenance work.

This unit is appropriate for Licenced Electricians with responsibility for coordinating maintenance personnel.

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

Pre-requisite Unit

UEERE0082 Maintain renewable energy (RE) apparatus

Competency Field

Renewable Energy

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential Performance criteria describe the performance needed to

outcomes.

demonstrate achievement of the element.

1 Prepare to coordinate maintenance of RE apparatus and systems

- 1.1** Work health and safety (WHS)/occupational health and safety (OHS) requirements for relevant work area/s are identified, interpreted and applied
- 1.2** Scope of work is determined from maintenance schedule, manufacturer specifications, workplace policies and procedures and regulatory requirements
- 1.3** Competencies, licences and/or permits required to conduct work are determined from job specifications, workplace policies/procedures, regulatory requirements, and consultations with appropriate person/s
- 1.4** Personnel and materials required for maintenance are arranged in accordance with workplace procedures and against maintenance schedule job requirements
- 1.5** Tools, equipment and testing devices required for maintenance are arranged in accordance with workplace procedures and against maintenance schedule job requirements
- 1.6** Need to test or measure live electrical work is determined from maintenance schedule, and in accordance with WHS/OHS requirements, and considered in the coordination of personnel
- 1.7** Maintenance plan is developed based on maintenance schedule, regulatory and competency requirements, and communicated to relevant personnel

2 Coordinate maintenance of RE apparatus and systems

- 2.1** Maintenance is coordinated in accordance with maintenance schedule and plan
- 2.2** Strategies to deal with unexpected situations are determined based on safety requirements, job specifications, workplace procedures and from discussions with relevant person/s
- 2.3** Maintenance quality checks are conducted to confirm compliance with regulation, technical standards, job specifications, WHS/OHS requirements and workplace procedures
- 2.4** Maintenance activities are evaluated against performance expectations and recommended improvements documented and submitted to appropriate

person/s

- 2.5 Maintenance documentation/reports are checked for compliance with requirements and stored in accordance with workplace procedures, manufacturer and regulatory requirements

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.

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| Coordinating maintenance of renewable energy (RE) apparatus and systems must include: | <ul style="list-style-type: none">• coordination of maintenance for multiple sites or types of equipment/systems• coordination of work for both licenced and unlicenced maintenance personnel. |
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Unit Mapping Information

This unit replaces and is not equivalent to UEERE0027 Co-ordinate maintenance of renewable energy (RE) apparatus and systems.

Links

Companion Volume Implementation Guides are found in VETNet -

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