



Australian Government

UETDRTS036 Develop secondary protection and control scheme isolation and restoration documents

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the UET Transmission, Distribution and Rail Sector Training Package Release 4.0.

Application

This unit includes the skills and knowledge required to develop secondary protection and control scheme isolation documents for the electricity supply industry (ESI).

This includes the preparation to develop secondary isolation and restoration documents and a thorough understanding of secondary protection and control schemes.

The application of the skills and knowledge described in this unit may require a licence/registration to practice in the workplace.

Other conditions may also apply under state and territory legislative and regulatory licensing requirements which must be confirmed prior to commencing this unit.

Pre-requisite Unit

UEECD0007 Apply work health and safety regulations, codes and practices in the workplace

UEECD0044 Solve problems in multiple path circuits

UEECD0046 Solve problems in single path circuits

UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications

UEEEL0020 Solve problems in low voltage a.c. circuits

UEEEL0021 Solve problems in magnetic and electromagnetic devices

UETDREL005 Work safely in the vicinity of live electrical apparatus

Competency Field

Testing

Unit Sector

Not applicable.

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 develop secondary protection and control scheme isolation and restoration instructional documents

- 1.1** Workplace organisational requirements for the development of secondary isolation instructional documents, are obtained and reviewed
- 1.2** Purpose of the development of secondary isolation and restoration instructional documents is established
- 1.3** Testing procedures are discussed and reviewed with appropriate personnel
- 1.4** Tools, equipment, personal protective equipment (PPE) and work permits required for secondary isolation instructional documents are determined
- 1.5** Relevant stakeholders are identified and liaised with

2 Develop secondary protection and control scheme isolation and restoration instructional documents

- 2.1** Work tasks and sequence of isolation and restoration is determined
- 2.2** Hazards are identified, risks assessed, and control measures identified and applied
- 2.3** Secondary isolation and restoration instructional documents are developed in accordance with workplace requirements
- 2.4** Quality checks of work are undertaken in accordance with workplace requirements

3 Complete work and documentation

- 3.1** Completed work is checked for compliance against the workplace requirements
- 3.2** Secondary isolation and restoration instructional documents are completed, and appropriate personnel notified in accordance with workplace 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 UET Transmission, Distribution and Rail Sector Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is not equivalent to UETDRTS010 Develop power systems secondary isolation instructional documents.

Links

Companion Volume Implementation Guides are found in VETNet -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=229bace1-b7bc-4653-9300-dffb13ecfad7>