



Australian Government

UEECD0006 Apply technologies and concepts to energy sector work activities

Release: 1

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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 apply technologies and concepts to energy sector work activities.

It includes preparing and applying technologies and concepts to work activities. It also includes checking results using technologies and applications of concepts using a range of information technologies, and applying analytical concepts to achieve desired outcomes ensuring work is completed in an agreed time, to industry standard and with a minimum of waste.

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

Competency Field

Cross Discipline

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare to apply technologies and concepts

PERFORMANCE CRITERIA

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

1.1 Instructions to apply technologies and concepts are communicated and confirmed

- 1.2 Work health and safety (WHS)/occupational health and safety (OHS) requirements and workplace procedures are identified and applied
 - 1.3 Tools, equipment and personal protective equipment (PPE) necessary for work are obtained in accordance with workplace procedures and checked for correct operation and safety
 - 1.4 Relevant person/s is consulted to ensure work is coordinated with others
 - 1.5 Resources and materials needed to apply technologies and concepts are confirmed, scheduled and obtained in accordance with workplace procedures
 - 1.6 Schedule to apply technologies and concepts, including practices for working safely, is confirmed in accordance with instructions and requirements
- 2 Use technologies and apply concepts to work**
 - 2.1 WHS/OHS workplace procedures and safe work practices are followed to eliminate or minimise incidents
 - 2.2 Schedule of using technologies and applying concepts to achieving the desired outcome is followed to ensure work is completed in an agreed time, to a quality standard and with a minimum of waste
 - 2.3 Further instructions are sought from relevant person/s in the event of unplanned events
 - 2.4 Ongoing checks of work quality are undertaken in accordance with workplace procedures and job requirements
- 3 Check results**
 - 3.1 Final checks are made to ensure technologies and applications of concepts conforms with instructions and requirements
 - 3.2 Relevant person/s is notified of completion in the use of technologies and applications of concepts
 - 3.3 Tools, equipment, surplus resources and materials are cleaned, checked and returned to storage in accordance with workplace procedures
 - 3.4 Work area is cleaned and made safe by applying sustainable energy practices

3.5 Records are updated 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 UEENEEE144A Apply technologies and concepts to energy sector work activities.

Links

Companion Volume implementation guides are found in VETNet - -

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