



Australian Government

UEECD0008 Carry out preparatory energy sector work activities

Release: 1

UEECD0008 Carry out preparatory energy sector work activities

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 carry out preparatory energy sector work activities.

It includes planning and carrying out energy sector work support activities.

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 Plan energy sector support activity

PERFORMANCE CRITERIA

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

- 1.1** Work health and safety (WHS)/occupational health and safety (OHS) requirements and workplace procedures for a given work area are obtained and applied
- 1.2** WHS/OHS hazards are identified, risks assessed and control measures implemented for energy sector work preparation

- 1.3 WHS/OHS hazards not previously identified are noted on job safety assessments and advice is sought from work supervisor
 - 1.4 Work instructions are obtained and the nature, scope and location of work is determined from the supervisor or appropriate person/s
 - 1.5 Advice is sought from supervisor or appropriate person/s to ensure work is coordinated effectively with others
 - 1.6 Materials required for work are determined in accordance with workplace procedures
 - 1.7 Tools, equipment and testing devices needed to carry out work are obtained and checked for correct operation and safety
- 2 **Undertake energy sector support activity**
 - 2.1 WHS/OHS risk control measures and workplace procedures for carrying out work are followed
 - 2.2 Plant and equipment are checked in accordance with manufacturer guidelines/instructions, WHS/OHS requirements and workplace procedures
 - 2.3 Mechanical equipment is installed straight and square in the required locations and within acceptable tolerances in accordance with relevant industry standards
 - 2.4 Hand and power tools are used in accordance with safe working practices and WHS/OHS requirements and workplace procedures
 - 2.5 Work instructions are carried out under supervision
 - 2.6 Unplanned events are referred to relevant supervisor and directions are followed in accordance with workplace procedures
- 3 **Complete energy sector work activity**
 - 3.1 WHS/OHS work completion risk control measures and workplace procedures are followed
 - 3.2 Work site is cleaned and made safe in accordance with workplace procedures
 - 3.3 Supervisor 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 UEENEEE122A Carry out preparatory 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>

Assessment Requirements for UEECD0008 Carry out preparatory energy sector work activities

Modification History

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least two separate occasions and include:

- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including using of risk control measures
- carrying out preparatory energy sector work activities in accordance with requirements, including:
 - maintaining fire integrity
 - placing and securing accessories accurately
 - routing, placing and securing cables
 - using testing devices
 - using hand and power tools safely and in accordance with workplace safe work practices
- completing energy sector work and following instructions
- planning and undertaking energy sector support activities.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- problem-solving techniques for unplanned situations/events
- relevant hand, fixed and portable power tools, including:
 - associated hazards
 - care and maintenance
 - cutting, shaping, drilling, threading, tapping, and finishing metallic, non-metallic and structural components
 - different types of tools and their purpose
 - requirements for use on construction sites
 - techniques for the correct and safe use
 - tools for dismantling and assembling electrical and electronic components
 - tools for measuring and marking out

- relevant industry standards
- relevant job safety assessments or risk mitigation processes
- relevant manufacturer specifications
- relevant energy sector testing devices
- relevant WHS/OHS legislated requirements
- relevant workplace documentation
- relevant workplace policies, procedures and instructions.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in suitable workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated suitable workplace operational situations that replicate workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- relevant and appropriate materials, tools, facilities, equipment and personal protective (PPE) equipment currently used in industry
- applicable documentation, including workplace procedures, equipment specifications, regulations, relevant industry standards, codes of practice and operation manuals.

Links

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