



Australian Government

**UEECD0016 Document and apply measures
to control WHS risks associated with
electrotechnology work**

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 identify, document and apply work health and safety (WHS)/occupational health and safety (OHS) hazard and risk control measures associated with electrotechnology work.

It includes identifying workplace hazards, assigning levels of risk, developing control measures to eliminate and/or mitigate risks, reviewing risk control measures and maintaining documentation of hazards, risk control measures and their application in accordance with compliance procedures.

This unit addresses information, processes and techniques for the application of WHS/OHS, specific to working in the electrotechnology sector and is essential for workers without managerial or supervisory responsibilities.

Typically, this unit will relate to the type of job being undertaken, electrical conditions, energy levels, radiation levels, toxic substances, airborne particles, pressure discharge, explosive atmosphere, worksite location, general worksite conditions, specific work location, moving parts, tools and equipment, workers competence and/or capacity and/or personal effects.

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

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

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

1 Identify and document hazards and risks associated with electrotechnology work

1.1 Hazards are identified and documented by undertaking a job analysis and worksite inspection in consultation with relevant person/s and in accordance with workplace procedures

1.2 Risks associated with identified hazards are assessed in consultation with relevant person/s, taking into account existing control measures and documented in accordance with workplace procedures

2 Assign levels of risk and develop and document control measures

2.1 Level of risk is assessed and prioritised for each identified hazard in consultation with relevant/s persons and in accordance with regulations and WHS/OHS workplace compliance procedures

2.2 Control measures for identified hazards are determined by applying the hierarchy of control and activities to eliminate and/or mitigate the risk

2.3 Level of risk is re-assessed to confirm the required control measures reduce the risk level to as low as reasonably practicable

2.4 Hazards risk level and control measures are agreed to in consultation with relevant stakeholders and documented in accordance with workplace procedures

3 Monitor, review and document risk control measures

3.1 Documented control measures are recorded in workplace risk register and made available for reference by relevant person/s

3.2 Control measures are reviewed and modified, as required, in consultation with relevant person/s in accordance with workplace procedures

3.3 Document and apply measures to control WHS/OHS risks associated with electrotechnology work

3.4 Changes and updates are made to relevant documentation, risk register as additional hazards are identified

- 3.5** Documentation of hazards, risks control measures and their application are filed 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 Companion Volume Implementation Guide.

Documenting and applying WHS risks must be demonstrated in relation to electrotechnology installation, testing, inspection, fault finding, maintenance or development work functions and include the following:

- relevant WHS/OHS legislation, regulations and codes of practice related to devices and systems and hazards present in residential, commercial and industrial workplaces
- accepted industry work procedures and the specific safety procedures and work instructions for a particular workplace or organisation

Unit Mapping Information

This unit replaces and is equivalent to UEENEEE137A Document and apply measures to control OHS risks associated with electrotechnology work.

Links

Companion Volume implementation guides are found in VETNet - -

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