



Australian Government

UEECD0003 Apply industry and community standards to engineering activities

Release: 1

UEECD0003 Apply industry and community standards to engineering 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 apply industry and community standards to engineering activities.

It includes applying knowledge and application of ethical and community standards, seeking advice and adopting appropriate technologies.

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

Pre-requisite Unit

Not applicable

Competency Field

Cross Discipline

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Review ethical and community standards

PERFORMANCE CRITERIA

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

- 1.1** Ethical standards are reviewed and applied in accordance with relevant industry standards
- 1.2** Advice on the application processes for applying ethical community and relevant industry standards is obtained from relevant person/s

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| | 1.3 | Contributions to periodic revision of relevant industry standards is conducted through formal discussions with relevant person/s and submissions documented for public review in accordance with relevant community standards |
| 2 Apply ethical and community standards | 2.1 | Ethical standards are applied to all formal interactions and activities |
| | 2.2 | Work is planned and managed in accordance with relevant community and industry standards |
| | 2.3 | Quality of work is monitored in accordance with relevant community and industry standards |
| | 2.4 | Advice on engineering issues and adoption of technologies is sought from relevant person/s in accordance with relevant industry standards |

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 UEENEEE080A Apply industry and community standards to engineering 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 UEECD0003 Apply industry and community standards to engineering 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 ethical standards to all professional interactions and activities
- contributing to periodic review of relevant industry standards
- monitoring work outcomes and ensuring compliance with relevant standards, community and relevant industry standards
- obtaining advice on applying relevant industry standards
- planning and managing work
- reviewing and applying ethical standards
- seeking advice on engineering issues and adopting technologies from relevant person/s in accordance with relevant industry standards.

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:

- relevant ethical standards, including:
 - application of ethical standards
 - common tenets of ethical standards
 - ethical standards of professional bodies in the engineering industry
 - purpose of ethical standards
 - purpose of standards and how they are applied
 - standards development organisations and compliance systems
 - standards development process and community involvement
- relevant industry community standards
- relevant industry standards
- relevant job safety assessments or risk mitigation processes
- relevant WHS/OHS legislated requirements
- relevant workplace documentation
- relevant workplace quality policies and procedures.

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 and equipment currently used in industry
- resources that reflect current industry practices in relation to industry and community standards expected of engineers
- applicable documentation, including workplace procedures, equipment specifications, regulations, codes of practice and operation manuals.

Links

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