



Australian Government

UEEEL0016 Provide advice on effective and energy efficient lighting products

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 advise customers on effective and energy efficient lighting products within the scope of manufacturer product information.

It includes planning and providing lighting principles, light source types and typical lighting applications advice. It also includes interpreting manufacturer technical information and documenting advice given.

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

Pre-requisite Unit

Not applicable.

Competency Field

Electrical

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare to advise on effective and efficient lighting products

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 identified, obtained and applied

- 1.2 Appropriate questioning and active listening are used to clarify and respond to lighting product enquiry
 - 1.3 Lighting documentations/files that will assist in providing necessary advice are read, reviewed and understood
- 2 Provide advice on effective and efficient lighting products**
- 2.1 WHS/OHS risk control measures and workplace procedures are followed
 - 2.2 Lighting product information is identified, and manufacturer product data is read and applied to provide relevant product advice
 - 2.3 Technical or costing inquiries are referred to appropriate person/s in accordance with workplace procedures
 - 2.4 Inquiries and response are documented 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.

Providing advice on lighting products must include the following:

- three different lamp types
- three optical functions and fitting design of the following luminaires:
 - light distribution
 - luminaires for indoor and outdoor use
 - modern technology applied to luminaries
 - mounting techniques

Unit Mapping Information

This unit replaces and is equivalent to UEENEEG181A Provide advice on effective and energy

efficient lighting products.

Links

Companion Volume implementation guides are found in VETNet - -

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