



Australian Government

**UEECO0013 Prepare specifications for the
supply of materials and equipment for
electrotechnology projects**

Release: 1

UEECO0013 Prepare specifications for the supply of materials and equipment for electrotechnology projects

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 write technical specifications for the supply of materials and equipment for electrotechnology projects.

It includes establishing performance requirements and prescribing parameters, and preparing specifications for the supply of materials and equipment. It also includes documenting and submitting quotations.

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

Pre-requisite Unit

Not applicable.

Competency Field

Commercial

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Determine performance and parameters of materials and equipment

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 are identified and applied

1.2 Extent of project work is determined from design brief

- specifications, other relevant documentation and discussions with appropriate person/s
- 1.3** Performance and prescribed parameters of materials and equipment are established from design brief specifications, other relevant documentation and discussions with relevant person/s
 - 1.4** Required date for materials and equipment is determined from design brief specifications, other relevant documentation and discussions with relevant person/s
 - 1.5** Activities are planned to meet scheduled timeframes in consultation with relevant person/s
- 2 Prepare specifications for supply of materials and equipment**
- 2.1** Manufacturer specifications and limitations of materials and equipment are sought
 - 2.2** Manufacturer specifications and limitations are compared with the established performance and prescribed parameters for materials and equipment
 - 2.3** Sources and availability of materials and equipment are established in accordance with workplace procedures
 - 2.4** Specifications for the supply of materials and equipment, including required evidence of compliance, are developed in accordance with workplace procedures
 - 2.5** Additional services are incorporated in the specifications, as required
 - 2.6** Solutions to unplanned events are implemented in accordance with workplace procedures
- 3 Document and submit quotation**
- 3.1** Material and equipment supply documentation is forwarded to relevant person/s for processing in accordance with workplace procedures
 - 3.2** Material and equipment supply documentation is 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 UEE Electrotechnology Training Package Companion Volume Implementation Guide.

Preparing specifications for the supply of materials and equipment must include at least two different electrotechnology projects exceeding \$20,000 and can apply to any of the following electrotechnology disciplines:

- automation technologies
- computers
- data communications
- electrical
- electrical machines
- electronics
- fire protection
- instrumentation
- refrigeration and air conditioning
- renewable/sustainable energy
- security technology

Unit Mapping Information

This unit replaces and is equivalent to UEENEEC004B Prepare specifications for the supply of materials and equipment for electrotechnology projects.

Links

Companion Volume implementation guides are found in VETNet - -

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