



Australian Government

UEECD0062 Write specifications for renewable energy engineering projects

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 write specifications for a renewable energy (RE) engineering project.

It includes determining RE engineering project specification requirements, documenting design and technical requirements, and obtaining approval for the project specification.

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 Determine RE engineering project specification requirements

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) procedures for relevant work area are identified and applied

1.2 Techniques for specification writing are reviewed and

		adopted in accordance with workplace procedures
	1.3	Scope of the specification is determined using formal evaluation/survey processes
	1.4	Criteria from other related works impacting on the specification are determined from other relevant documentation, site visits and/or discussions with relevant person/s
2	Write RE engineering project specification	
	2.1	Specification is developed to include scenarios/requirements determined in consultation with relevant person/s and regulatory requirements
	2.2	Specification is developed in collaboration with relevant design professionals and contractors involved in the project
	2.3	Competent person/s required for the project is identified and their role specified in the specification
	2.4	Project specification is reviewed and adjusted to rectify any anomalies
	2.5	Project specification is developed in accordance with workplace procedures
3	Obtain approval for RE engineering project specification	
	3.1	Project specification is presented and discussed with relevant person/s
	3.2	Alterations to project specification resulting from discussions are negotiated with relevant person/s in accordance with workplace procedures
	3.3	Project specification is finalised and approval obtained from relevant person/s

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.

Writing specifications for RE engineering projects must include at least the following:

- one medium-sized RE engineering project with the following attributes:
 - meeting safety requirements
 - determining client expectations
 - applying cost-effective solutions
 - designing and technical documentation requirements

Unit Mapping Information

This unit replaces and is equivalent to UEENEEE074B Write specifications for renewable energy engineering projects.

Links

Companion Volume implementation guides are found in VETNet - -

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