



Australian Government

Department of Education, Employment and Workplace Relations

UEE62010 Advanced Diploma of Engineering Technology - Renewable Energy

Release: 1

UEE62010 Advanced Diploma of Engineering Technology - Renewable Energy

Modification History

Not Applicable

Description

Scope

This qualification provides competencies in preparation to design and validate/evaluate renewable energy equipment and systems and provide technical advice/sales.

Pathways Information

Not Applicable

Licensing/Regulatory Information

Not Applicable

Entry Requirements

Not Applicable

Employability Skills Summary

Not Applicable

Packaging Rules

Completion requirements

The requirements for awarding this qualification are that the following are successfully achieved:

- All of the Core competency standard units;
- The required number of Stream Core competency standard units;
- The required number of Elective competency standard units as prescribed in the respective Schedule; and
- All the required pre-requisite competency standard units have been met as required.

Core Competency Standard Units

All Core competency standard units to be achieved

| | |
|-------------|---|
| UEENEED002B | Assemble, set up and test personal computers |
| UEENEEE001B | Apply OHS practices in the workplace |
| UEENEEE002B | Dismantle, assemble and fabricate electrotechnology components |
| UEENEEE007B | Use drawings, diagrams, schedules and manuals |
| UEENEEE025B | Solve problems in complex multiple path circuits |
| UEENEEE029B | Solve electrotechnical problems |
| UEENEEE037B | Document occupational hazards and risks in electrotechnology |
| UEENEEE038B | Participate in development and follow a personal competency development plan |
| UEENEEE046B | Identify affects of energy on machinery and materials in an electrotechnology environment |
| UEENEEE050B | Undertake computations in an electrotechnology environment |
| UEENEEG012B | Solve fundamental problems in electrical systems |
| UEENEEK023B | Carry out basic repairs to renewable energy apparatus by replacement of components |

Core Competency Standard Units

All Core competency standard units to be achieved

| | |
|-------------|--|
| UEENEEK028B | Solve problems in stand-alone renewable energy systems |
| UEENEEK032B | Develop strategies to address sustainability issues |
| UEENEEK051A | Develop effective strategies for energy reduction in buildings |

Stream Core Competency Standard Units

At least 3 of the following competency standard units to be achieved

| | |
|-------------|---|
| UEENEEC001B | Maintain documentation |
| UEENEEC002B | Source and purchase material/parts for installation or service jobs |
| UEENEEC003B | Provide quotations for installation or service jobs |
| UEENEEC010B | Deliver a service to customers |
| UEENEEC001B | Use basic computer applications relevant to a workplace |
| UEENEEC020B | Provide basic instruction in the use of electrotechnology apparatus |
| BSBINM501A | Manage an information or knowledge management system |
| BSBWOR502B | Ensure team effectiveness |

Elective Competency Standard Units

In accordance with Schedule 6, which forms an integral part of this qualification, achieve a Unit Strand Total of at least 53 of which at least 28 shall be selected from Schedule 6, and at least 14 from Schedule 5, and not more than 8 from Schedule 4 as specified.

- Note:**
1. Pre-requisite pathways shall be identified and met for all elective units selected.
 2. In selecting elective units considerations to career planning advice should be given to units that form part of a pre-requisite pathway for the progression to achieve particular competencies or qualification at a higher level.
 3. Registered training organisations shall also provide information related to the relevant pathway(s) that may be taken to achieve paraprofessional status ("associate membership") with a professional engineering membership organisation.

END OF QUALIFICATION
