



Australian Government

UEE41120 Certificate IV in Electrical - Lift Systems

Release 2

UEE41120 Certificate IV in Electrical - Lift Systems

Modification History

Release 2. Updated superseded HLT, BSB and ICT elective units.

Release 1. This is the first release of this qualification in the UEE Electrotechnology Training Package

Qualification Description

This qualification covers competencies to select, install, commission, fault find and maintain lifts, escalators and associated equipment.

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

Entry Requirements

The entry requirement for this qualification is:

- UEE30820 Certificate III in Electrotechnology Electrician
- or
- a current 'Unrestricted Electricians Licence' or its equivalent issued in an Australian state or territory.

Packaging Rules

A total of **440 weighting points** comprising:

360 core weighting points listed below; **plus**

80 general elective weighting points from the general elective units listed below.

Choose a total of **80 weighting points** elective units from the list below, between 0 and 20 **weighting points** can be taken from Group A; between 0 and 20 **weighting points** can be taken from Group B; and between 40 and 80 **weighting points** can be taken from Group C (or all elective **80 weighting points** can be taken from Group C).

Up to 20 weighting points of the general elective units Group A, may be selected, with appropriate contextualisation, from any relevant nationally endorsed Training Package or accredited course, provided selected units contribute to the vocational outcome of the qualification. Previously assigned weighting points are listed in the UEE Electrotechnology Training Package Companion Volume Implementation Guide (CVIG), if not listed weighting points will be 10 points, unless directed from the Electrotechnology Industry Reference

Committee (IRC).

There are units of competency within this qualification that contain pre-requisites. Units of competency that have a pre-requisite requirement are identified by this symbol *. Refer directly to the units of competency to identify pre-requisite requirements to ensure all are complied with. A list of all pre-requisites is also provided in the UEE Pre-requisite Companion Volume.

Where imported units are selected, care must be taken to ensure all pre-requisite units specified are complied with.

| Core units | | Weighting Points |
|--|---|-------------------------|
| UEECD0010 | Compile and produce an energy sector detailed report | 60 |
| UEECD0024 | Implement and monitor energy sector WHS policies and procedures | 20 |
| UEECD0027 | Participate in development and follow a personal competency development plan | 20 |
| UEEEL0044 | Diagnose and rectify faults in complex lift systems* | 40 |
| UEEEL0045 | Diagnose and rectify faults in traction lift systems* | 80 |
| UEEIC0018 | Diagnose and rectify faults in digital controls systems* | 60 |
| UEEIC0020 | Fault find and repair analogue circuits and components in electronic control systems* | 60 |
| UEERE0015 | Implement and monitor energy sector environmental and sustainable policies and procedures | 20 |
| Group A: Imported and common elective units | | Weighting Points |
| BSBOPS203 | Deliver a service to customers | 20 |
| CPCCWHS1001 | Prepare to work safely in the construction industry | 10 |
| HLTAID009 | Provide cardiopulmonary resuscitation | 10 |
| ICTICT214 | Operate application software packages | 20 |
| UEECD0011 | Comply with scheduled and preventative | 20 |

| | | |
|--|--|-------------------------|
| | maintenance program processes | |
| UEECD0035 | Provide basic instruction in the use of electrotechnology apparatus | 20 |
| UEECO0002 | Maintain documentation | 20 |
| UEECO0015 | Provide quotations for installation or service jobs | 20 |
| UEECO0017 | Source and purchase material/parts for installation or service jobs | 20 |
| Group B: General elective units | | Weighting Points |
| UEEEL0026 | Align and install traction lift equipment* | 20 |
| UEEEL0046 | Find and repair faults in LV d.c. electrical apparatus and circuits* | 60 |
| UEEEL0052 | Maintain and service traction lift systems and equipment* | 40 |
| UEEIC0013 | Develop, enter and verify discrete control programs for programmable controllers* | 60 |
| Group C: General elective units | | Weighting Points |
| UEEIC0014 | Develop, enter and verify programs in supervisory control and data acquisition systems* | 60 |
| UEEIC0015 | Develop, enter and verify word and analogue control programs for programmable logic controllers* | 60 |
| UEEIC0040 | Solve problems in polyphase electronic power control circuits* | 60 |
| UEEIC0042 | Solve problems in single phase electronic power control circuits* | 60 |

Qualification Mapping Information

This qualification replaces and is not equivalent to UEE41111 Certificate IV in Electrical - Lift Systems

Links

Companion Volume implementation guides are found in VETNet - -

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