



**Australian Government**

# **UEE41120 Certificate IV in Electrical - Lift Systems**

**Release 1**

# UEE41120 Certificate IV in Electrical - Lift Systems

## Modification History

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**

BSBCUS201	Deliver a service to customers	20
CPCCWHS1001	Prepare to work safely in the construction industry	10
HLTAID001	Provide cardiopulmonary resuscitation	10
ICTICT203	Operate application software packages	20
UEECD0011	Comply with scheduled and preventative maintenance program processes	20
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>