



**Australian Government**

# **UEE42620 Certificate IV in Hazardous areas - Electrical**

**Release 2**

# UEE42620 Certificate IV in Hazardous areas - Electrical

## Modification History

Release 2: This minor update is the second release of this qualification in the UEE Electrotechnology Training Package.

Qualification description updated.

Imported units updated.

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

## Qualification Description

This qualification provides competencies to supervise selection, installation, commissioning maintenance and testing of explosion-protected equipment and systems for control and monitoring of plant and processes.

The qualification provides competencies in working with explosion-protection techniques.

Site-specific work permits maybe required to work in a hazardous environment. Licensing, legislative or certification requirements, and additional/other conditions may apply in some jurisdictions subject to regulations related to electrical work and work health and safety (WHS)/occupational health and safety (OHS).

## 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:

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

**240 general elective weighting points** from the general elective units listed below.

Choose a total of 240 **weighting points** elective units from the list below, of which between 0 and 60 **weighting points** can be taken from Group A; between 0 and 80 **weighting points** can be taken from Group B; and between 140 and 240 can be taken from Group C (or all 240 elective **weighting points** can be taken from Group C).

**Up to 60 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.

<b>Core units</b>		<b>Weighting Points</b>
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
UEEHA0003	Determine the explosion-protection requirements to meet a specified classified hazardous area*	40
UEEHA0004	Enter a classified hazardous area to undertake work related to electrical equipment	40
UEERE0015	Implement and monitor energy sector environmental and sustainable policies and procedures	20
<b>Group A: Imported and common elective units</b>		<b>Weighting Points</b>
BSBOPS203	Deliver a service to customers	20
ICTICT214	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**

UEECD0050	Use and maintain the integrity of a portable gas detection device*	20
UEEHA0005	Install explosion-protected equipment and associated apparatus and wiring systems*	60
UEEHA0006	Maintain equipment associated with hazardous areas*	60
UEEHA0010	Supervise repair and overhaul of explosion-protected equipment type Group III ('t')*	60
UEEHA0011	Supervise repair and overhaul of explosion-protected equipment type flameproof (Ex d)*	60
UEEHA0012	Supervise repair and overhaul of explosion-protected equipment type increased safety (Ex e)*	60
UEEHA0013	Supervise repair and overhaul of explosion-protected equipment type intrinsically safe (Ex i)*	60
UEEHA0014	Supervise repair and overhaul of explosion-protected equipment type pressurised (Ex p)*	60
UEEHA0015	Supervise repair and overhaul of explosion-protected rotating machines*	60

**Group C: General elective units****Weighting Points**

UEEHA0001	Conduct detailed inspection of electrical installations for hazardous areas*	40
UEEHA0002	Conduct visual and close inspection of electrical installations for hazardous areas*	40
UEEHA0005	Install explosion-protected equipment and associated apparatus and wiring systems*	60
UEEHA0006	Maintain equipment associated with hazardous areas*	60

UEEHA0007	Plan electrical installations for hazardous areas*	20
UEEHA0009	Develop and manage periodic electrical inspection and maintenance programs for hazardous areas*	20

## Qualification Mapping Information

This qualification replaces and is not equivalent to UEE42611 Certificate IV in Hazardous areas - Electrical

## Links

Companion Volume Implementation Guides are found in VETNet -

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