



Australian Government

UEE31025 Certificate III in Fire Protection Control

UEE31025 Certificate III in Fire Protection Control

Modification History

Release	Comments
1	This qualification was first released in UEE Electrotechnology Training Package Release 8.0.

Qualification Description

This qualification covers the skills and knowledge required to select, install, set up, test, fault find, repair and maintain fire protection systems in multiple, commercial and industrial premises.

This qualification has no minimum work placement hours.

Licensing/Regulatory Information

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

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

A total of **1060 weighting points** comprising:

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

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

Choose a total of **410 weighting points** elective units from the list below, of which between 0 and 170 **weighting points** can be taken from Group A; and between 260 and 410 **weighting points** must be taken from Group B; or all minimum 410 **weighting points** can be taken from Group B.

Up to 170 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. If weighting points are not listed for an imported unit in any other UEE qualification, default weighting will be 10 points.

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
UEECD0007	Apply work health and safety regulations, codes and practices in the workplace	20
UEECD0016	Document and apply measures to control WHS risks associated with electrotechnology work*	20
UEECD0019	Fabricate, assemble and dismantle utilities industry components*	40
UEECD0020	Fix and secure electrotechnology equipment*	20
UEECD0025	Lay wiring/cabling and terminate accessories for extra-low voltage (ELV) circuits*	40
UEECD0043	Solve problems in direct current circuits*	80
UEECD0045	Solve problems in multiple path extra-low voltage (ELV) a.c. circuits*	40
UEECD0051	Use drawings, diagrams, schedules, standards, codes and specifications*	40
UEECO0027	Engage in communications, security equipment or fire protection work and competency development	60
UEEDV0005	Install and maintain cabling for multiple access to telecommunication services*	80
UEEEC0026	Enter and verify programs for fire protection systems*	40
UEEEC0041	Install fire detection and warning system apparatus*	40
UEEEC0060	Repairs basic electronic apparatus faults by replacement of components*	40

UEEEC0076	Verify compliance and functionality of fire protection system installations*	60
UEERE0001	Apply environmentally and sustainable procedures in the energy sector	20
CPPFES2043	Apply regulations to prevent ozone depleting substance and synthetic greenhouse gas emissions	10
Group A: Imported and common elective units.		Weighting Points
BSBOPS203	Deliver a service to customers	20
CPCWHS1001	Prepare to work safely in the construction industry	10
HLTAID009	Provide cardiopulmonary resuscitation	10
HLTAID011	Provide First Aid	10
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: Qualification elective units.		Weighting Points
UEECS0033	Use engineering applications software on personal computers	40
UEEDV0006	Install and modify optical fibre performance data communication cabling*	40
UEEDV0008	Install, modify and verify coaxial and structured communication copper cabling*	40

UEEEEC0008	Commission large fire protection systems*	40
UEEEEC0071	Troubleshoot fire protection systems*	40
UEEEEC0075	Troubleshoot single phase input d.c power supplies*	40
UEEIC0002	Assemble, enter and verify operating instructions in microprocessor equipped devices*	20
UEEIC0013	Develop, enter and verify discrete control programs for programmable controllers*	60
UEEHA0004	Enter a classified hazardous area to undertake work related to electrical equipment	40
UEEHA0022	Determine the explosion-protection requirements to meet a specified classified hazardous area*	40
UEEHA0025	Install explosion-protected equipment and associated apparatus and wiring systems*	60
UEEHA0026	Maintain equipment associated with hazardous areas*	60
UEERL0004	Disconnect - reconnect electrical equipment connected to low voltage (LV) installation wiring*	60
UEERL0005	Locate and rectify faults in low voltage (LV) electrical equipment using set procedures*	20

Pre-requisite Requirements

Unit of competency	Prerequisite requirement
UEECD0019 Fabricate, assemble and dismantle utilities industry components	UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
UEECD0043 Solve problems in direct current circuits	UEECD0007 Apply work health and safety regulations, codes and practices in the workplace

UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications	UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
UEEDV0006 Install and modify optical fibre performance data communication cabling	<p>UEEDV0005 Install and maintain cabling for multiple access to telecommunication services</p> <p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications</p> <p>UEECD0019 Fabricate, assemble and dismantle utilities industry components</p> <p>UEECD0020 Fix and secure electrotechnology equipment</p>
UEECD0045 Solve problems in multiple path extra-low voltage (ELV) a.c. circuits	<p>UEECD0043 Solve problems in direct current circuits</p> <p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0046 Solve problems in single path circuits</p> <p>UEECD0044 Solve problems in multiple path circuits</p>
UEEECD0076 Verify compliance and functionality of fire protection system installations	<p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications</p>

	<p>UEECD0019 Fabricate, assemble and dismantle utilities industry components</p> <p>UEECD0020 Fix and secure electrotechnology equipment</p> <p>UEEEEC0041 Install fire detection and warning system apparatus</p>
UEEEEC0041 Install fire detection and warning system apparatus	<p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications</p> <p>UEECD0019 Fabricate, assemble and dismantle utilities industry components</p> <p>UEECD0020 Fix and secure electrotechnology equipment</p>
UEEHA0025 Install explosion-protected equipment and associated apparatus and wiring systems	<p>UEEHA0022 Determine the explosion-protection requirements to meet a specified classified hazardous area</p> <p>UEEHA0004 Enter a classified hazardous area to undertake work related to electrical equipment</p>
UEEDV0008 Install, modify and verify coaxial and structured communication copper cabling	<p>UEECD0043 Solve problems in direct current circuits</p> <p>UEEDV0005 Install and maintain cabling for multiple access to telecommunication services</p> <p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0046 Solve problems in single path circuits</p>

	<p>UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications</p> <p>UEECD0019 Fabricate, assemble and dismantle utilities industry components</p> <p>UEECD0020 Fix and secure electrotechnology equipment</p> <p>UEECD0044 Solve problems in multiple path circuits</p>
UEEIC0013 Develop, enter and verify discrete control programs for programmable controllers	UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
UEERL0004 Disconnect - reconnect electrical equipment connected to low voltage (LV) installation wiring	UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
UEEEEC0075 Troubleshoot single phase input d.c power supplies	<p>UEEEL0021 Solve problems in magnetic and electromagnetic devices</p> <p>UEEEEC0065 Solve problems in basic electronic circuits</p> <p>UEECD0043 Solve problems in direct current circuits</p> <p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0046 Solve problems in single path circuits</p> <p>UEEEEC0060 Repairs basic electronic apparatus faults by replacement of components</p> <p>UEEEL0020 Solve problems in low voltage a.c. circuits</p>

	<p>UEECD0019 Fabricate, assemble and dismantle utilities industry components</p> <p>UEEEEC0074 Troubleshoot resonance circuits in an electronic apparatus</p> <p>UEECD0045 Solve problems in multiple path extra-low voltage (ELV) a.c. circuits</p> <p>UEEEL0019 Solve problems in direct current (d.c.) machines</p> <p>UEECD0044 Solve problems in multiple path circuits</p>
UEEEEC0071 Troubleshoot fire protection systems	<p>UEEEEC0008 Commission large fire protection systems</p> <p>UEEEEC0026 Enter and verify programs for fire protection systems</p> <p>UEEEEC0076 Verify compliance and functionality of fire protection system installations</p> <p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications</p> <p>UEECD0019 Fabricate, assemble and dismantle utilities industry components</p> <p>UEECD0020 Fix and secure electrotechnology equipment</p> <p>UEEEEC0041 Install fire detection and warning system apparatus</p>
UEEEEC0008 Commission large fire protection systems	<p>UEEEEC0026 Enter and verify programs for fire protection systems</p>

	<p>UEEECD0076 Verify compliance and functionality of fire protection system installations</p> <p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications</p> <p>UEECD0019 Fabricate, assemble and dismantle utilities industry components</p> <p>UEECD0020 Fix and secure electrotechnology equipment</p> <p>UEEECD0041 Install fire detection and warning system apparatus</p>
UEEHA0022 Determine the explosion-protection requirements to meet a specified classified hazardous area	UEEHA0004 Enter a classified hazardous area to undertake work related to electrical equipment
UEEHA0026 Maintain equipment associated with hazardous areas	<p>UEEHA0022 Determine the explosion-protection requirements to meet a specified classified hazardous area</p> <p>UEEHA0004 Enter a classified hazardous area to undertake work related to electrical equipment</p>
UEEDV0005 Install and maintain cabling for multiple access to telecommunication services	<p>UEECD0043 Solve problems in direct current circuits</p> <p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0046 Solve problems in single path circuits</p>

	<p>UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications</p> <p>UEECD0019 Fabricate, assemble and dismantle utilities industry components</p> <p>UEECD0020 Fix and secure electrotechnology equipment</p> <p>UEECD0044 Solve problems in multiple path circuits</p>
UEEEEC0026 Enter and verify programs for fire protection systems	<p>UEEEEC0076 Verify compliance and functionality of fire protection system installations</p> <p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications</p> <p>UEECD0019 Fabricate, assemble and dismantle utilities industry components</p> <p>UEECD0020 Fix and secure electrotechnology equipment</p> <p>UEEEEC0041 Install fire detection and warning system apparatus</p>
UEEIC0002 Assemble, enter and verify operating instructions in microprocessor equipped devices	<p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p>
UEECD0020 Fix and secure electrotechnology equipment	<p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p>

UEECD0025 Lay wiring/cabling and terminate accessories for extra-low voltage (ELV) circuits	<p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications</p> <p>UEECD0020 Fix and secure electrotechnology equipment</p>
UEERL0005 Locate and rectify faults in low voltage (LV) electrical equipment using set procedures	<p>UEERL0004 Disconnect - reconnect electrical equipment connected to low voltage (LV) installation wiring</p> <p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p>
UEECD0016 Document and apply measures to control WHS risks associated with electrotechnology work	UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
UEEEC0060 Repairs basic electronic apparatus faults by replacement of components	<p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0019 Fabricate, assemble and dismantle utilities industry components</p>

Qualification Mapping Information

Current Code and Title	Previous Code and Title	Comments	Equivalence
UEE31025 Certificate III in Fire Protection Control	UEE31020 Certificate III in Fire Protection Control	This qualification replaces and is equivalent to UEE31020	Equivalent

		Certificate III in Fire Protection Control	
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Links

Companion volumes, including implementation guides, are found in TGA -

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