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# UEE31020 Certificate III in Fire Protection Control

**Release 1**

# UEE31020 Certificate III in Fire Protection Control

## Modification History

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

## 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.

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. 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 |
|---|---|---|
| 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 |
| UEECO0008 | Participate in fire protection control work and competency development activities | 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 |
| CPPFES2043A | Prevent ozone depleting substance and synthetic greenhouse gas emissions | 10 |

| 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 |
| HLTAID003 | Provide first aid | 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: 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 |
| UEEEC0008 | Commission large fire protection systems* | 40 |
| UEEEC0071 | Troubleshoot fire protection systems* | 40 |
| UEEEC0075 | 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 | 60 |

programmable controllers*

| | | |
|---|---|---|
| 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 |
| UEEHA0005 | Install explosion-protected equipment and associated apparatus and wiring systems* | 60 |
| UEEHA0006 | 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 |

# Qualification Mapping Information

This qualification replaces and is equivalent to UEE31011 Certificate III in Fire Protection Control

# Links

Companion Volume implementation guides are found in VETNet - - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b8a8f136-5421-4ce1-92e0-2b50341431b6