



Australian Government

UEE32125 Certificate III in Appliance Service

UEE32125 Certificate III in Appliance Service

Modification History

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

Qualification Description

This qualification covers competencies to set up, service and repair electrical and refrigerated appliances with electives in gas appliances.

Competency development activities in this qualification are subject to regulations directly related to licencing. A relevant contract of training through an apprenticeship or relevant employment may be required to enable the application of the required knowledge and skills to on the job work activities and environments.

This qualification has no minimum work placement hours.

Licensing/Regulatory Information

Refrigerant Handling Licence:

The achievement of the qualification meets the training components for the national restricted domestic refrigeration and air conditioning appliance Refrigerant Handling Licence, which is required to work on refrigeration and air conditioning equipment that carries the risk of a fluorocarbon refrigerant being emitted while decanting the refrigerant or manufacturing, installing, commissioning, servicing, maintaining or decommissioning refrigeration and air conditioning equipment.

Refrigeration and Air Conditioning Occupational Licence:

Additional and/or other conditions may apply in some jurisdictions subject to regulations related to domestic refrigerating and air conditioning appliance work. Practice in the workplace and during training is also subject to work health and safety (WHS)/occupational health and safety (OHS) regulations.

Electrical Occupation Licence:

The achievement of this qualification with the core restricted electrical units meet the electrical regulatory requirements for related restricted electrical work in most state/territories. This is required to work on electrical installations which are designed to operate at voltages greater than 50 volt (V) alternating current (a.c.) or 120 V direct current (d.c).

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

A total of **1080 weighting points** comprising:

870 core weighting points listed below; plus

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

Choose a total of **210 weighting points** elective units from the list below, of which between **0 and 100 weighting points** can be taken from Group A; and between **110 and 210 weighting points** must be taken from Group B; or all **210 elective unit weighting points** can be taken from Group B.

Up to **100 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 |
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| 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 |
| UEECD0042 | Solve problems in ELV single path circuits* | 40 |

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| UEECD0051 | Use drawings, diagrams, schedules, standards, codes and specifications* | 40 |
| UEECO0026 | Engage in appliance, business or computer equipment servicing work and competency development | 60 |
| UEERA0037 | Establish the basic operating conditions of vapour compression systems - appliances* | 50 |
| UEERA0043 | Find and rectify faults in appliance control systems and devices* | 60 |
| UEERA0044 | Find and rectify faults in single phase motors and associated controls* | 40 |
| UEERA0045 | Find and rectify faults in three phase motors and associated controls* | 30 |
| UEERA0059 | Prepare and connect refrigerant tubing and fittings* | 40 |
| UEERA0063 | Recover, pressure test, evacuate, charge and leak test refrigerants - appliances* | 50 |
| UEERA0085 | Service clothes washing machines and dryers* | 40 |
| UEERA0089 | Service refrigeration appliances* | 60 |
| UEERA0091 | Service small electrical appliances and power tools* | 60 |
| UEERA0092 | Solve problems in low voltage refrigeration and air conditioning circuits* | 40 |
| UEERA0093 | Verify functionality and compliance of appliances* | 20 |
| UEERE0001 | Apply environmentally and sustainable procedures in the energy sector | 20 |
| UEERL0001 | Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply* | 20 |
| UEERL0002 | Attach cords, cables and plugs to electrical equipment for connection to 1000 V a.c. or 1500 V d.c.* | 20 |
| 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 |

| Group A: Imported and common elective units | | Weighting Points |
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| 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 |
| UEERA0006 | Apply safety awareness and legal requirements for carbon dioxide refrigerant | 10 |
| UEERA0007 | Apply safety awareness and legal requirements for flammable refrigerants | 10 |
| UEERA0035 | Establish the basic operating conditions of air conditioning systems* | 20 |
| UEERA0068 | Repair and service self-contained carbon dioxide refrigeration and heat pump systems* | 20 |
| UEERA0075 | Resolve problems in post-mix refrigeration systems* | 20 |
| UEERA0076 | Resolve problems in refrigerated beverage vending cabinets* | 20 |

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| UEERA0083 | Service and repair microwave ovens* | 40 |
| UEERA0084 | Service and repair self-contained flammable refrigerants air conditioning and refrigeration systems* | 20 |
| UEERA0086 | Service dishwasher machines* | 40 |
| UEERA0087 | Service electrical heating appliances* | 60 |
| UEERA0088 | Service gas heating appliances* | 40 |
| UEERA0090 | Service room air conditioners* | 30 |

Pre-requisite Requirements

| Unit of competency | Prerequisite requirement |
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| UEERA0044 Find and rectify faults in single phase motors and associated controls | UEECD0007 Apply work health and safety regulations, codes and practices in the workplace |
| UEERA0075 Resolve problems in post-mix refrigeration systems | UEECD0007 Apply work health and safety regulations, codes and practices in the workplace |
| UEERA0084 Service and repair self-contained flammable refrigerants air conditioning and refrigeration systems | UEERA0053 Install, commission, service and maintain medium temperature systems UEERA0089 Service refrigeration appliances UEERA0007 Apply safety awareness and legal requirements for flammable refrigerants |
| UEERA0087 Service electrical heating appliances | UEECD0007 Apply work health and safety regulations, codes and practices in the workplace |

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| UEERA0043 Find and rectify faults in appliance control systems and devices | UEECD0007 Apply work health and safety regulations, codes and practices in the workplace |
| UEERA0063 Recover, pressure test, evacuate, charge and leak test refrigerants - appliances | UEECD0007 Apply work health and safety regulations, codes and practices in the workplace |
| UEECD0019 Fabricate, assemble and dismantle utilities industry components | UEECD0007 Apply work health and safety regulations, codes and practices in the workplace |
| UEERA0093 Verify functionality and compliance of appliances | <p>UEERL0001 Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply</p> <p>UEERL0005 Locate and rectify faults in low voltage (LV) electrical equipment using set procedures</p> <p>UEECD0042 Solve problems in ELV single path circuits</p> <p>UEERL0004 Disconnect - reconnect electrical equipment connected to low voltage (LV) installation wiring</p> <p>UEECO0004 Participate in appliance servicing work and competency development activities</p> <p>UEERA0037 Establish the basic operating conditions of vapour compression systems - appliances</p> <p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEERA0044 Find and rectify faults in single phase motors and associated controls</p> <p>UEERA0043 Find and rectify faults in appliance control systems and devices</p> |

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| | <p>UEERL0002 Attach cords, cables and plugs to electrical equipment for connection to 1000 V a.c. or 1500 V d.c.</p> <p>UEERE0001 Apply environmentally and sustainable procedures in the energy sector</p> <p>UEERA0091 Service small electrical appliances and power tools</p> <p>UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications</p> <p>UEECD0016 Document and apply measures to control WHS risks associated with electrotechnology work</p> <p>UEERA0063 Recover, pressure test, evacuate, charge and leak test refrigerants - appliances</p> <p>UEERA0085 Service clothes washing machines and dryers</p> <p>UEECD0019 Fabricate, assemble and dismantle utilities industry components</p> <p>UEERA0089 Service refrigeration appliances</p> <p>UEERA0092 Solve problems in low voltage refrigeration and air conditioning circuits</p> <p>UEECD0020 Fix and secure electrotechnology equipment</p> <p>UEERA0059 Prepare and connect refrigerant tubing and fittings</p> |
| UEERA0045 Find and rectify faults in three phase motors and associated controls | UEECD0007 Apply work health and safety regulations, codes and practices in the workplace |

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| UEERA0037 Establish the basic operating conditions of vapour compression systems - appliances | UEECD0007 Apply work health and safety regulations, codes and practices in the workplace |
| UEERL0002 Attach cords, cables and plugs to electrical equipment for connection to 1000 V a.c. or 1500 V d.c. | UEERL0001 Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply |
| UEECD0042 Solve problems in ELV single path circuits | UEECD0007 Apply work health and safety regulations, codes and practices in the workplace |
| UEERA0059 Prepare and connect refrigerant tubing and fittings | UEECD0007 Apply work health and safety regulations, codes and practices in the workplace |
| UEERA0092 Solve problems in low voltage refrigeration and air conditioning circuits | UEECD0007 Apply work health and safety regulations, codes and practices in the workplace |
| 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 |
| UEECD0020 Fix and secure electrotechnology equipment | UEECD0007 Apply work health and safety regulations, codes and practices in the workplace |
| 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> |

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| UEERA0088 Service gas heating appliances | UEECD0007 Apply work health and safety regulations, codes and practices in the workplace |
| UEERA0085 Service clothes washing machines and dryers | UEECD0007 Apply work health and safety regulations, codes and practices in the workplace |
| UEERA0091 Service small electrical appliances and power tools | UEECD0007 Apply work health and safety regulations, codes and practices in the workplace |
| UEERA0090 Service room air conditioners | UEECD0007 Apply work health and safety regulations, codes and practices in the workplace |
| UEERA0068 Repair and service self-contained carbon dioxide refrigeration and heat pump systems | <p>UEERA0053 Install, commission, service and maintain medium temperature systems</p> <p>UEERA0006 Apply safety awareness and legal requirements for carbon dioxide refrigerant</p> <p>UEERA0089 Service refrigeration appliances</p> |
| UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications | 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 |
| UEERA0089 Service refrigeration appliances | UEECD0007 Apply work health and safety regulations, codes and practices in the workplace |

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| UEERL0001 Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply | UEECD0007 Apply work health and safety regulations, codes and practices in the workplace |
| UEERA0035 Establish the basic operating conditions of air conditioning systems | UEECD0007 Apply work health and safety regulations, codes and practices in the workplace |
| UEERA0076 Resolve problems in refrigerated beverage vending cabinets | UEECD0007 Apply work health and safety regulations, codes and practices in the workplace |
| UEERA0086 Service dishwasher machines | UEECD0007 Apply work health and safety regulations, codes and practices in the workplace |
| UEERA0083 Service and repair microwave ovens | UEECD0007 Apply work health and safety regulations, codes and practices in the workplace |

Qualification Mapping Information

| Current Code and Title | Previous Code and Title | Comments | Equivalence |
|---|---|--|-------------|
| UEE32125 Certificate III in Appliance Service | UEE32120 Certificate III in Appliance Service | This qualification replaces and is equivalent to UEE32120 Certificate III in Appliance Service | Equivalent |

Links

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

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