



Australian Government

UEE32125 Certificate III in Appliance Service

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Modification History

Release	Comments
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
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

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
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

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
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

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>

	<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

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	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

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	UEERA0053 Install, commission, service and maintain medium temperature systems UEERA0006 Apply safety awareness and legal requirements for carbon dioxide refrigerant UEERA0089 Service refrigeration appliances
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

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>