



**Australian Government**

# **UEE32120 Certificate III in Appliance Service**

**Release 1**

# UEE32120 Certificate III in Appliance Service

## Modification History

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

## 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.

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 110 **weighting points** can be taken from Group A; and between 110 and 210 **weighting points** must be taken from Group B; or all electives units of 210 **weighting points** can be taken from Group B.

**Up to 110 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
UEECD0042	Solve problems in ELV single path circuits*	40
UEECD0051	Use drawings, diagrams, schedules, standards, codes and specifications*	40
UEECO0004	Participate in appliance servicing work and competency development activities	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
<b>Group A: Imported and common elective units</b>		<b>Weighting Points</b>
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**

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\*

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## **Qualification Mapping Information**

This qualification replaces and is equivalent to UEE32111 Certificate III in Appliance Service

## **Links**

Companion Volume implementation guides are found in VETNet - -

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