

UEE32120 Certificate III in Appliance Service



Government of Western Australia
Department of Training
and Workforce Development



Aim

This course will provide participants with the skills and knowledge to set up and repair electrical and refrigeration appliances in domestic and industrial applications including, air-conditioners, refrigerators, electrical heaters, washing machines, dryers, stoves and range hoods.

Recommended For

Individuals seeking a trade as an appliance service repair technician.

Entry Requirements

To enrol in this course, the individual must have:

- completed the industry recognised minimum educational requirement, which is the equivalent of year 10 with passes in a recognised course in English, Maths and Science.
- the required level of language, literacy and numeracy to successfully complete the course

Individuals can use the tools available in the Energy Space LMS to help determine their readiness for the course.

<http://energyspace.com.au/>

Relationship to Training Package

The course aligns to the UEE Electrotechnology Training Package Qualification UEE32120 Certificate III in Appliance Service.

Details

Code: UEE32120

Duration: 48 months (nominal)

Course No: Maximum 8 participants

Fee: Please contact ESS as the fee is dependent on the number of participants and the units chosen as electives.
Funding is available for the qualification. The funding is based on the individual having a Training Contract and Energy Skills Solutions access to training funding.

Payment: Clients will be invoiced on completion of each stage of the course. Payment is required within 14 days of the completion of the course stage unless other arrangements have been agreed to with Energy Skills Solutions.

Dress: Personal protective equipment requirements will be communicated for each stage of the course.

Content

The course includes core and elective units of competence:

Core units

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
UEECD0019	Fabricate, assemble and dismantle utilities industry components
UEECD0020	Fix and secure electrotechnology equipment
UEECD0042	Solve problems in ELV single path circuits
UEECD0051	Use drawings, diagrams, schedules, standards, codes and specifications
UEECO0004	Participate in appliance servicing work and competency development activities
UEERA0037	Establish the basic operating conditions of vapour compression systems - appliances
UEERA0043	Find and rectify faults in appliance control systems and devices
UEERA0044	Find and rectify faults in single phase motors and associated controls
UEERA0045	Find and rectify faults in three phase motors and associated controls
UEERA0059	Prepare and connect refrigerant tubing and fittings
UEERA0063	Recover, pressure test, evacuate, charge and leak test refrigerants - appliances
UEERA0085	Service clothes washing machines and dryers
UEERA0089	Service refrigeration appliances
UEERA0091	Service small electrical appliances and power tools
UEERA0092	Solve problems in low voltage refrigeration and air conditioning circuits
UEERA0093	Verify functionality and compliance of appliances
UEERE0001	Apply environmentally and sustainable procedures in the energy sector
UEERL0001	Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply
UEERL0002	Attach cords, cables and plugs to electrical equipment for connection to 1000 V a.c. or 1500 V d.c. supply
UEERL0004	Disconnect - reconnect electrical equipment connected to low voltage (LV) installation wiring
UEERL0005	Locate and rectify faults in low voltage (LV) electrical equipment using set procedures

Elective units

The suggested elective units included in the course are:

UEERA0006	Apply safety awareness and legal requirements for carbon dioxide refrigerant – 10p
UEERA0007	Apply safety awareness and legal requirements for flammable refrigerants – 10p
UEERA0035	Establish the basic operating conditions of air conditioning systems – 20p
UEERA0083	Service and repair microwave ovens – 40p
UEERA0084	Service and repair self-contained flammable refrigerants air conditioning and refrigeration systems – 20p
UEERA0086	Service dishwasher machines – 40p
UEERA0087	Service electrical heating appliances – 60p
UEERA0090	Service room air conditioners – 30p

Note: The above elective units are suggested for the industry only.

Delivery

Units are grouped for delivery in 1 or 2-week course stages. The units are grouped to ensure:

- Learning occurs in a logical sequence
- Alignment with the prescribed entry requirements and prerequisite pathway
- Opportunities are available in the workplace to support the training.

Course delivery methods include face-to-face, self-paced learning guides and online learning.

Learning activities are included in the course to ensure knowledge and skills can be safely applied to workplace situations.

Delivery of the course is at the ESS training facility. However, for a 'corporate' course it can be delivered at the client's facility, providing they have suitable facilities and the required resources.

The importance of safety is emphasised throughout the course.

Assessment

Knowledge assessments and task assessments are included in the course.

The apprentice is issued with an on-the-job training workbook to collect and present evidence for each unit in the course. The workbook includes task assessments for each unit.

The workbook also includes a work experience record sheet for recording the workplace tasks completed and the tools and equipment used in the workplace.

The apprentice will need to successfully complete both the off the job training and on-the-job assessment requirements and a final assessment before the qualification is awarded.

Language, Literacy and Numeracy

Below is a list of tasks students will need to do during the course. These tasks require the appropriate level of LLN or the ability to develop LLN skills to achieve these tasks successfully.

- Reading, interpreting and following procedures, instructions, plans, drawings and other relevant information.
- Reading and interpreting signs and labels.
- Writing a risk assessment, reports and permits.
- Listening to and following instructions.
- Explaining technical information.
- Communicating verbally during the course.
- Accessing and using information via the internet.
- Solving problems related to the work.
- Working with addition, subtraction, multiplication and division.
- Working with fractions, rounding, decimals, engineering/scientific notation, indices, ratios, percentages, geometry, area and measurement and scaling.
- Persons enrolling in the course may be required to participate in a pre-course LLN activity to determine their LLN proficiency.

Skills Recognition

ESS can grant Recognition of Prior Learning (RPL) or Credit Transfer (CT) for a unit or units in the qualification. For the granting of RPL the individual must provide evidence that they already have the skills and knowledge that is required by the unit. CT requires the individual to present a Statement of Attainment or USI Transcript that includes the unit or an equivalent unit.

The granting of RPL or CT means the individual does not have to attend training for that unit.

For more information on skills recognition, go to our website, select the qualification, then select PRE-COURSE INFORMATION and download the Information Guide in the Skills Recognition section.

Funding

Funding is available for the qualification through the Department of Training & Workforce Development.

This funding is passed onto the student, providing:

- ESS has access to funding
- the student has a Training Contract, and
- the student is eligible for funding.

For employer's incentives, please ask your apprentice support group.

Certification

The qualification is nationally recognised.

A Qualification Certificate and Record of Achievement is issued after the apprentice has successfully completed the final assessment of the course and a Completion Agreement has been signed by the employer and apprentice.

The Record of Achievement will list the units awarded in the qualification.

Attendance on this course does not automatically guarantee the attainment of competency, nor does satisfactory completion of assessment and attainment of competency guarantee employment.

For more information on our services and products, contact:

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