



Australian Government

UET30819 Certificate III in ESI - Power Systems - Distribution Cable Jointing

Release 1

UET30819 Certificate III in ESI - Power Systems - Distribution Cable Jointing

Modification History

Release 1. This is the first release of this qualification in the UET Transmission, Distribution and Rail Sector Training Package

Qualification Description

This qualification provides the skill and knowledge to work in the electricity supply industry (ESI) as a Cable Joiner.

This qualification covers the laying, installation and maintenance of de-energised low voltage (LV) and high voltage (HV) underground polymeric cables and installation and maintenance of electrical equipment and jointing and maintaining energised LV underground paper insulated and polymeric cables. There are options for skills to be obtained for energised cables and/or LV and HV paper insulated cables.

The skills and knowledge described within the units in this qualification may require a licence or permit to practice in the workplace.

Additional and/or other conditions may also apply under state and territory legislative and regulatory licensing requirements which must be confirmed prior to commencing the qualification.

Entry Requirements

There are no entry requirements for this qualification

Packaging Rules

A total of **1060 weighting points** comprising:

800 core weighting points listed below; **plus**

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

Choose a total of **260 weighting points** elective units from the list below, of which between 0 and 70 **weighting points** can be taken from Group A; and between 190 and 260 **weighting points** from Group B. You may select all your elective from this group.

Up to 70 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 UET Companion Volume Implementation Guide, if not listed weighting points will be 10 points.

Where imported units are selected, care must be taken to ensure that all prerequisite units specified are complied with.

Core units		Weighting Points
CPCCLDG3001A	Licence to perform dogging	20
TLILIC0005	Licence to operate a boom-type elevating work platform (boom length 11 metres or more)	40
UEENEEE101A	Apply Occupational Health and Safety regulations, codes and practices in the workplace	20
UEENEEE102A	Fabricate, assemble and dismantle utilities industry components └ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace	40
UEENEEE104A	Solve problems in d.c. circuits └ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace	80
UEENEEE105A	Fix and secure electrotechnology equipment └ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace	20
UEENEEE107A	Use drawings, diagrams, schedules, standards, codes and specifications └ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace	40
UEENEEG101A	Solve problems in electromagnetic devices and related circuits └ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace └ UEENEEE104A Solve problems in d.c. circuits	60
UEENEEG102A	Solve problems in low voltage a.c. circuits └ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the	80

	workplace	
	└ UEENEEE104A Solve problems in d.c. circuits	
	└ UEENEEG101A Solve problems in electromagnetic devices and related circuits	
UETTDRCJ21	Lay ESI electrical cables	20
	Common Unit Group	
	└ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace	
	└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications	
	└ UETTDREL11 Apply sustainable energy and environmental procedures	
	└ UETTDREL16 Working safely near live electrical apparatus	
UETTDRCJ26	Install and maintain de-energised low voltage underground polymeric cables	50
	Common Unit Group	
	└ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace	
	└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components	
	└ UEENEEE105A Fix and secure electrotechnology equipment	
	└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications	
	└ UETTDRCJ21 Lay ESI electrical cables	
	└ UETTDREL11 Apply sustainable energy and environmental procedures	
	└ UETTDREL16 Working safely near live electrical apparatus	
UETTDRCJ27	Install and maintain de-energised high voltage underground polymeric cables	50
	Common Unit Group	
	└ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace	

	<ul style="list-style-type: none"> └ UEENEEE102A Fabricate, assemble and dismantle utilities industry components └ UEENEEE105A Fix and secure electrotechnology equipment └ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications └ UETTDRCJ21 Lay ESI electrical cables └ UETTDREL11 Apply sustainable energy and environmental procedures └ UETTDREL16 Working safely near live electrical apparatus 	
UETTDRCJ99	<p>Test and verify distribution cable jointing installations</p> <p>Common Unit Group</p> <ul style="list-style-type: none"> └ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace └ UEENEEE102A Fabricate, assemble and dismantle utilities industry components └ UEENEEE104A Solve problems in d.c. circuits └ UEENEEE105A Fix and secure electrotechnology equipment └ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications └ UEENEEG101A Solve problems in electromagnetic devices and related circuits └ UEENEEG102A Solve problems in low voltage a.c. circuits └ UETTDRCJ21 Lay ESI electrical cables └ UETTDRCJ26 Install and maintain de-energised low voltage underground polymeric cables └ UETTDRCJ27 Install and maintain de-energised high voltage underground polymeric cables └ UETTDREL11 Apply sustainable energy and environmental procedures └ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus └ UETTDREL16 Working safely near live electrical apparatus └ UETTDRI41 Install network infrastructure 	40

	electrical equipment	
	└ UETTDRLS42 Maintain network infrastructure electrical equipment	
	└ UETTDRLS55 Install and maintain low voltage underground services	
UETTDREL11	Apply sustainable energy and environmental procedures	20
UETTDREL12	Operate plant and equipment near live electrical conductors and apparatus	40
	Common Unit Group	
	└ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace	
	└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications	
	└ UETTDREL16 Working safely near live electrical apparatus	
UETTDREL16	Working safely near live electrical apparatus	20
UETTDRLS41	Install network infrastructure electrical equipment	60
	Common Unit Group	
	└ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace	
	└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components	
	└ UEENEEE104A Solve problems in d.c. circuits	
	└ UEENEEE105A Fix and secure electrotechnology equipment	
	└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications	
	└ UEENEEG101A Solve problems in electromagnetic devices and related circuits	
	└ UEENEEG102A Solve problems in low voltage a.c. circuits	
	└ UETTDREL11 Apply sustainable energy and environmental procedures	
	└ UETTDREL12 Operate plant and equipment near	

live electrical conductors and apparatus

└ UETTDREL16 Working safely near live electrical apparatus

Transmission Overhead Pathway Group

└ UETTDNIS54 Install and maintain poles, structures and overhead conductors and cables

└ UETTDNTP26 Install transmission structures and associated hardware

└ UETTDNTP27 Maintain transmission structures and associated hardware

└ UETTDNTP29 Install and maintain transmission overhead conductors and cables

Distribution Overhead Pathway Group

└ UETTDNDP12 Maintain overhead energised low voltage conductors and cables

└ UETTDNIS52 Install and maintain poles, structures and associated hardware

└ UETTDNIS54 Install and maintain poles, structures and overhead conductors and cables

└ UETTDNIS56 Install and maintain low voltage overhead services

Rail Traction Pathway Group

└ UETTDNIS52 Install and maintain poles, structures and associated hardware

└ UETTDNIS54 Install and maintain poles, structures and overhead conductors and cables

└ UETTDNRT21 Install traction overhead wiring systems

└ UETTDNRT22 Maintain traction overhead wiring systems

└ UETTDNRT23 Install rail traction bonds

└ UETTDNRT27 Install overhead traction components and equipment

└ UETTDNRT28 Maintain overhead traction components and equipment

Distribution Cable Jointing Pathway Group

└ UETTDRCJ21 Lay ESI electrical cables

└ UETTDRCJ26 Install and maintain de-energised

	low voltage underground polymeric cables	
	└ UETTDRCJ27 Install and maintain de-energised high voltage underground polymeric cables	
	└ UETTDNIS55 Install and maintain low voltage underground services	
UETTDNIS42	Maintain network infrastructure electrical equipment	60
	Common Unit Group	
	└ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace	
	└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components	
	└ UEENEEE104A Solve problems in d.c. circuits	
	└ UEENEEE105A Fix and secure electrotechnology equipment	
	└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications	
	└ UEENEEG101A Solve problems in electromagnetic devices and related circuits	
	└ UEENEEG102A Solve problems in low voltage a.c. circuits	
	└ UETTDREL11 Apply sustainable energy and environmental procedures	
	└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus	
	└ UETTDREL16 Working safely near live electrical apparatus	
	Transmission Overhead Pathway Group	
	└ UETTDNIS41 Install network infrastructure electrical equipment	
	└ UETTDNIS54 Install and maintain poles, structures and overhead conductors and cables	
	└ UETTDRTTP26 Install transmission structures and associated hardware	
	└ UETTDRTTP27 Maintain transmission structures and associated hardware	
	└ UETTDRTTP29 Install and maintain transmission overhead conductors and cables	

Distribution Overhead Pathway Group

- └ UETTDRDP12 Maintain overhead energised low voltage conductors and cables
- └ UETTDRIS41 Install network infrastructure electrical equipment
- └ UETTDRIS52 Install and maintain poles, structures and associated hardware
- └ UETTDRIS54 Install and maintain poles, structures and overhead conductors and cables
- └ UETTDRIS56 Install and maintain low voltage overhead services

Rail Traction Pathway Group

- └ UETTDRIS41 Install network infrastructure electrical equipment
- └ UETTDRIS52 Install and maintain poles, structures and associated hardware
- └ UETTDRIS54 Install and maintain poles, structures and overhead conductors and cables
- └ UETTDRRT21 Install traction overhead wiring systems
- └ UETTDRRT22 Maintain traction overhead wiring systems
- └ UETTDRRT23 Install rail traction bonds
- └ UETTDRRT27 Install overhead traction components and equipment
- └ UETTDRRT28 Maintain overhead traction components and equipment

Distribution Cable Jointing Pathway Group

- └ UETTDRCJ21 Lay ESI electrical cables
- └ UETTDRCJ26 Install and maintain de-energised low voltage underground polymeric cables
- └ UETTDRCJ27 Install and maintain de-energised high voltage underground polymeric cables
- └ UETTDRIS41 Install network infrastructure electrical equipment
- └ UETTDRIS55 Install and maintain low voltage underground services

UETTDRIS55 Install and maintain low voltage underground services 40

Electrotechnology Electrician

Common Unit Group

- └ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- └ UEENEEE102A Fabricate, assemble and dismantle utilities industry components
- └ UEENEEE104A Solve problems in d.c. circuits
- └ UEENEEE105A Fix and secure electrotechnology equipment
- └ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- └ UEENEEG101A Solve problems in electromagnetic devices and related circuits
- └ UEENEEG102A Solve problems in low voltage a.c. circuits
- └ UETTDREL16 Working safely near live electrical apparatus

Transmission Overhead Pathway Group

- └ UETTDREL11 Apply sustainable energy and environmental procedures
- └ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus
- └ UETTDREL54 Install and maintain poles, structures and overhead conductors and cables
- └ UETTDRTTP26 Install transmission structures and associated hardware
- └ UETTDRTTP27 Maintain transmission structures and associated hardware
- └ UETTDRTTP29 Install and maintain transmission overhead conductors and cables

Distribution Overhead Pathway Group

- └ UETTDREDP12 Maintain overhead energised low voltage conductors and cables
- └ UETTDREL11 Apply sustainable energy and environmental procedures
- └ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus
- └ UETTDREL41 Install network infrastructure

electrical equipment

└ UETTDRLS42 Maintain network infrastructure
electrical equipment

└ UETTDRLS52 Install and maintain poles, structures
and associated hardware

└ UETTDRLS54 Install and maintain poles, structures
and overhead conductors and cables

└ UETTDRLS56 Install and maintain low voltage
overhead services

Rail Traction Pathway Group

└ UETTDREL11 Apply sustainable energy and
environmental procedures

└ UETTDREL12 Operate plant and equipment near
live electrical conductors and apparatus

└ UETTDRLS52 Install and maintain poles, structures
and associated hardware

└ UETTDRLS54 Install and maintain poles, structures
and overhead conductors and cables

└ UETTDRLT21 Install traction overhead wiring
systems

└ UETTDRLT22 Maintain traction overhead wiring
systems

└ UETTDRLT23 Install rail traction bonds

└ UETTDRLT27 Install overhead traction
components and equipment

└ UETTDRLT28 Maintain overhead traction
components and equipment

Distribution Cable Jointing Pathway Group

└ UETTDRLCJ21 Lay ESI electrical cables

└ UETTDRLCJ26 Install and maintain de-energised
low voltage underground polymeric cables

└ UETTDRLCJ27 Install and maintain de-energised
high voltage underground polymeric cables

└ UETTDREL11 Apply sustainable energy and
environmental procedures

└ UETTDREL12 Operate plant and equipment near
live electrical conductors and apparatus

Electrotechnology Electrician Pathway Group

└ UEENEEE137A Document and apply measures to

control OHS risks associated with electrotechnology work

└ UEENEEG006A Solve problems in single and three phase low voltage machines

└ UEENEEG033A Solve problems in single and three phase low voltage electrical apparatus and circuits

└ UEENEEG063A Arrange circuits, control and protection for general electrical installations

└ UEENEEG106A Terminate cables, cords and accessories for low voltage circuits

└ UEENEEG108A Trouble-shoot and repair faults in low voltage electrical apparatus and circuits

└ UEENEEG109A Develop and connect electrical control circuits

└ UEENEEK142A Apply environmentally and sustainable procedures in the energy sector

└ UETTDRI67 Solve problems in energy supply network equipment

Group A: Imported and common elective units		Weighting Points
AHCMOM213	Operate and maintain chainsaws	20
CPCCLHS3001A	Licence to operate a personnel and materials hoist	10
CPCCLHS3002A	Licence to operate a materials hoist	10
CPCCLRG3001A	Licence to perform rigging basic level	40
	└ CPCCLDG3001A Licence to perform dogging	
CPCCLRG3002A	Licence to perform rigging intermediate level	60
	└ CPCCLRG3001A Licence to perform rigging basic level	
CPCCLSF2001A	Licence to erect, alter and dismantle scaffolding basic level	20
CPCCLSF3001A	Licence to erect, alter and dismantle scaffolding intermediate level	20
	└ CPCCLSF2001A Licence to erect, alter and dismantle scaffolding basic level	
TLILIC0002	Licence to operate a vehicle loading crane (capacity 10 40	

metre tonnes and above)

TLILIC0003	Licence to operate a forklift truck	40
TLILIC2015	Licence to drive a medium rigid vehicle	20
TLILIC2016	Licence to drive a heavy rigid vehicle	20
TLILIC0006	Licence to operate a bridge and gantry crane	70
TLILIC0010	Licence to operate a slewing mobile crane (up to 20 tonnes)	70
TLILIC0013	Licence to operate a slewing mobile crane (up to 60 tonnes)	70
TLILIC0015	Licence to operate a slewing mobile crane (over 100 Tonnes)	70
UEENEEG106A	Terminate cables, cords and accessories for low voltage circuits	40
	└ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace	
	└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components	
	└ UEENEEE105A Fix and secure electrotechnology equipment	
	└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications	

Group B: General elective units

Weighting Points

UETTDRCJ22	Install and maintain de-energised low voltage underground paper insulated cables	40
	Common Unit Group	
	└ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace	
	└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components	
	└ UEENEEE104A Solve problems in d.c. circuits	
	└ UEENEEE105A Fix and secure electrotechnology	

equipment

└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications

└ UEENEEG101A Solve problems in electromagnetic devices and related circuits

└ UEENEEG102A Solve problems in low voltage a.c. circuits

└ UETTDRCJ21 Lay ESI electrical cables

└ UETTDRCJ26 Install and maintain de-energised low voltage underground polymeric cables

└ UETTDRCJ27 Install and maintain de-energised high voltage underground polymeric cables

└ UETTDREL11 Apply sustainable energy and environmental procedures

└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus

└ UETTDREL16 Working safely near live electrical apparatus

└ UETTDRLS41 Install network infrastructure electrical equipment

└ UETTDRLS42 Maintain network infrastructure electrical equipment

└ UETTDRLS55 Install and maintain low voltage underground services

UETTDRCJ23	Install and maintain de-energised high voltage underground paper insulated cables	60
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Common Unit Group

└ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace

└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components

└ UEENEEE104A Solve problems in d.c. circuits

└ UEENEEE105A Fix and secure electrotechnology equipment

└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications

└ UEENEEG101A Solve problems in electromagnetic devices and related circuits

└ UEENEEG102A Solve problems in low voltage a.c. circuits

└ UETTDRCJ21 Lay ESI electrical cables

└ UETTDRCJ26 Install and maintain de-energised low voltage underground polymeric cables

└ UETTDRCJ27 Install and maintain de-energised high voltage underground polymeric cables

└ UETTDREL11 Apply sustainable energy and environmental procedures

└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus

└ UETTDREL16 Working safely near live electrical apparatus

└ UETTDRLS41 Install network infrastructure electrical equipment

└ UETTDRLS42 Maintain network infrastructure electrical equipment

└ UETTDRLS55 Install and maintain low voltage underground services

UETTDRCJ24 Joint and maintain energised low voltage underground paper insulated cables 60

Common Unit Group

└ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace

└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components

└ UEENEEE104A Solve problems in d.c. circuits

└ UEENEEE105A Fix and secure electrotechnology equipment

└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications

└ UEENEEG101A Solve problems in electromagnetic devices and related circuits

└ UEENEEG102A Solve problems in low voltage a.c. circuits

└ UETTDRCJ21 Lay ESI electrical cables

└ UETTDRCJ26 Install and maintain de-energised low voltage underground polymeric cables

	<ul style="list-style-type: none">└ UETTDRCJ27 Install and maintain de-energised high voltage underground polymeric cables└ UETTDREL11 Apply sustainable energy and environmental procedures└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus└ UETTDREL16 Working safely near live electrical apparatus└ UETTDRLS41 Install network infrastructure electrical equipment└ UETTDRLS42 Maintain network infrastructure electrical equipment└ UETTDRLS55 Install and maintain low voltage underground services	
UETTDRCJ25	Perform straight through high voltage paper insulated to polymeric transition joint	50
	Common Unit Group	
	<ul style="list-style-type: none">└ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components└ UEENEEE104A Solve problems in d.c. circuits└ UEENEEE105A Fix and secure electrotechnology equipment└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications└ UEENEEG101A Solve problems in electromagnetic devices and related circuits└ UEENEEG102A Solve problems in low voltage a.c. circuits└ UETTDRCJ21 Lay ESI electrical cables└ UETTDRCJ26 Install and maintain de-energised low voltage underground polymeric cables└ UETTDRCJ27 Install and maintain de-energised high voltage underground polymeric cables└ UETTDREL11 Apply sustainable energy and environmental procedures└ UETTDREL12 Operate plant and equipment near	

live electrical conductors and apparatus

└ UETTDREL16 Working safely near live electrical apparatus

└ UETTDRLS41 Install network infrastructure electrical equipment

└ UETTDRLS42 Maintain network infrastructure electrical equipment

└ UETTDRLS55 Install and maintain low voltage underground services

UETTDRCJ28 Joint and maintain energised low voltage underground polymeric cables 50

Common Unit Group

└ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace

└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components

└ UEENEEE104A Solve problems in d.c. circuits

└ UEENEEE105A Fix and secure electrotechnology equipment

└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications

└ UEENEEG101A Solve problems in electromagnetic devices and related circuits

└ UEENEEG102A Solve problems in low voltage a.c. circuits

└ UETTDRCJ21 Lay ESI electrical cables

└ UETTDRCJ26 Install and maintain de-energised low voltage underground polymeric cables

└ UETTDRCJ27 Install and maintain de-energised high voltage underground polymeric cables

└ UETTDREL11 Apply sustainable energy and environmental procedures

└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus

└ UETTDREL16 Working safely near live electrical apparatus

└ UETTDRLS41 Install network infrastructure electrical equipment

	<ul style="list-style-type: none"> └ UETTDNIS42 Maintain network infrastructure electrical equipment └ UETTDNIS55 Install and maintain low voltage underground services 	
UETTDNDP11	Inspect overhead poles-structures and electrical apparatus Common Unit Group <ul style="list-style-type: none"> └ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace └ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications └ UETTDREL11 Apply sustainable energy and environmental procedures └ UETTDREL16 Working safely near live electrical apparatus 	50
UETTDNIS43	Perform low voltage field switching operation to a given schedule Electrical Common Unit Group <ul style="list-style-type: none"> └ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace └ UEENEEE102A Fabricate, assemble and dismantle utilities industry components └ UEENEEE104A Solve problems in d.c. circuits └ UEENEEE105A Fix and secure electrotechnology equipment └ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications └ UEENEEG101A Solve problems in electromagnetic devices and related circuits └ UEENEEG102A Solve problems in low voltage a.c. circuits └ UETTDREL16 Working safely near live electrical apparatus Transmission Overhead Pathway Group <ul style="list-style-type: none"> └ UETTDREL11 Apply sustainable energy and 	50

environmental procedures

└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus

└ UETTDRLS54 Install and maintain poles, structures and overhead conductors and cables

└ UETTDRLTP26 Install transmission structures and associated hardware

└ UETTDRLTP27 Maintain transmission structures and associated hardware

└ UETTDRLTP29 Install and maintain transmission overhead conductors and cables

Distribution Overhead Pathway Group

└ UETTDREL11 Apply sustainable energy and environmental procedures

└ UETTDRLDP12 Maintain overhead energised low voltage conductors and cables

└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus

└ UETTDRLS41 Install network infrastructure electrical equipment

└ UETTDRLS42 Maintain network infrastructure electrical equipment

└ UETTDRLS52 Install and maintain poles, structures and associated hardware

└ UETTDRLS54 Install and maintain poles, structures and overhead conductors and cables

└ UETTDRLS56 Install and maintain low voltage overhead services

Rail Traction Pathway Group

└ UETTDREL11 Apply sustainable energy and environmental procedures

└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus

└ UETTDRLS52 Install and maintain poles, structures and associated hardware

└ UETTDRLS54 Install and maintain poles, structures and overhead conductors and cables

└ UETTDRLRT21 Install traction overhead wiring systems

└ UETTDRT22 Maintain traction overhead wiring systems

└ UETTDRT23 Install rail traction bonds

└ UETTDRT27 Install overhead traction components and equipment

└ UETTDRT28 Maintain overhead traction components and equipment

Distribution Cable Jointing Pathway Group

└ UETTDREL11 Apply sustainable energy and environmental procedures

└ UETTDRCJ21 Lay ESI electrical cables

└ UETTDRCJ26 Install and maintain de-energised low voltage underground polymeric cables

└ UETTDRCJ27 Install and maintain de-energised high voltage underground polymeric cables

└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus

└ UETTDRI41 Install network infrastructure electrical equipment

└ UETTDRI42 Maintain network infrastructure electrical equipment

└ UETTDRI55 Install and maintain low voltage underground services

Electrical Pathway Group

└ UEENEEE137A Document and apply measures to control OHS risks associated with electrotechnology work

└ UEENEEG006A Solve problems in single and three phase low voltage machines

└ UEENEEG033A Solve problems in single and three phase low voltage electrical apparatus and circuits

└ UEENEEG063A Arrange circuits, control and protection for general electrical installations

└ UEENEEG106A Terminate cables, cords and accessories for low voltage circuits

└ UEENEEG108A Trouble-shoot and repair faults in low voltage electrical apparatus and circuits

└ UEENEEG109A Develop and connect electrical control circuits

	<ul style="list-style-type: none"> └ UEENEEK142A Apply environmentally and sustainable procedures in the energy sector └ UETTDNIS67 Solve problems in energy supply network equipment 	
UETTDNIS44	Perform HV field switching operation to a given schedule Electrical Common Unit Group <ul style="list-style-type: none"> └ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace └ UEENEEE102A Fabricate, assemble and dismantle utilities industry components └ UEENEEE104A Solve problems in d.c. circuits └ UEENEEE105A Fix and secure electrotechnology equipment └ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications └ UEENEEG101A Solve problems in electromagnetic devices and related circuits └ UEENEEG102A Solve problems in low voltage a.c. circuits └ UETTDREL16 Working safely near live electrical apparatus Transmission Overhead Pathway Group <ul style="list-style-type: none"> └ UETTDREL11 Apply sustainable energy and environmental procedures └ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus └ UETTDNIS54 Install and maintain poles, structures and overhead conductors and cables └ UETTDRTTP26 Install transmission structures and associated hardware └ UETTDRTTP27 Maintain transmission structures and associated hardware └ UETTDRTTP29 Install and maintain transmission overhead conductors and cables Distribution Overhead Pathway Group <ul style="list-style-type: none"> └ UETTDREL11 Apply sustainable energy and 	50

environmental procedures

└ UETTDROP12 Maintain overhead energised low voltage conductors and cables

└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus

└ UETTDRI41 Install network infrastructure electrical equipment

└ UETTDRI42 Maintain network infrastructure electrical equipment

└ UETTDRI52 Install and maintain poles, structures and associated hardware

└ UETTDRI54 Install and maintain poles, structures and overhead conductors and cables

└ UETTDRI56 Install and maintain low voltage overhead services

Rail Traction Pathway Group

└ UETTDREL11 Apply sustainable energy and environmental procedures

└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus

└ UETTDRI52 Install and maintain poles, structures and associated hardware

└ UETTDRI54 Install and maintain poles, structures and overhead conductors and cables

└ UETTDRT21 Install traction overhead wiring systems

└ UETTDRT22 Maintain traction overhead wiring systems

└ UETTDRT23 Install rail traction bonds

└ UETTDRT27 Install overhead traction components and equipment

└ UETTDRT28 Maintain overhead traction components and equipment

Distribution Cable Jointing Pathway Group

└ UETTDRCJ21 Lay ESI electrical cables

└ UETTDRCJ26 Install and maintain de-energised low voltage underground polymeric cables

└ UETTDRCJ27 Install and maintain de-energised high voltage underground polymeric cables

└ UETTDREL11 Apply sustainable energy and environmental procedures

└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus

└ UETTDRLS41 Install network infrastructure electrical equipment

└ UETTDRLS42 Maintain network infrastructure electrical equipment

└ UETTDRLS55 Install and maintain low voltage underground services

Electrical Pathway Group

└ UEENEEE137A Document and apply measures to control OHS risks associated with electrotechnology work

└ UEENEEG006A Solve problems in single and three phase low voltage machines

└ UEENEEG033A Solve problems in single and three phase low voltage electrical apparatus and circuits

└ UEENEEG063A Arrange circuits, control and protection for general electrical installations

└ UEENEEG106A Terminate cables, cords and accessories for low voltage circuits

└ UEENEEG108A Trouble-shoot and repair faults in low voltage electrical apparatus and circuits

└ UEENEEG109A Develop and connect electrical control circuits

└ UEENEEK142A Apply environmentally and sustainable procedures in the energy sector

└ UETTDRLS67 Solve problems in energy supply network equipment

UETTDRLS53 Install and maintain power system public lighting 40

Common Unit Group

└ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace

└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components

└ UEENEEE104A Solve problems in d.c. circuits

└ UEENEEE105A Fix and secure electrotechnology

equipment

- └ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- └ UEENEEG101A Solve problems in electromagnetic devices and related circuits
- └ UEENEEG102A Solve problems in low voltage a.c. circuits
- └ UETTDREL11 Apply sustainable energy and environmental procedures
- └ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus
- └ UETTDREL16 Working safely near live electrical apparatus

Transmission Overhead Pathway Group

- └ UETTDRLS54 Install and maintain poles, structures and overhead conductors and cables
- └ UETTDRLTP26 Install transmission structures and associated hardware
- └ UETTDRLTP27 Maintain transmission structures and associated hardware
- └ UETTDRLTP29 Install and maintain transmission overhead conductors and cables

Distribution Overhead Pathway Group

- └ UETTDRLDP12 Maintain overhead energised low voltage conductors and cables
- └ UETTDRLS41 Install network infrastructure electrical equipment
- └ UETTDRLS42 Maintain network infrastructure electrical equipment
- └ UETTDRLS52 Install and maintain poles, structures and associated hardware
- └ UETTDRLS54 Install and maintain poles, structures and overhead conductors and cables
- └ UETTDRLS56 Install and maintain low voltage overhead services

Rail Traction Pathway Group

- └ UETTDRLS52 Install and maintain poles, structures and associated hardware
- └ UETTDRLS54 Install and maintain poles, structures

and overhead conductors and cables

└ UETDDRRT21 Install traction overhead wiring systems

└ UETDDRRT22 Maintain traction overhead wiring systems

└ UETDDRRT23 Install rail traction bonds

└ UETDDRRT27 Install overhead traction components and equipment

└ UETDDRRT28 Maintain overhead traction components and equipment

Distribution Cable Joining Pathway Group

└ UETDRCJ21 Lay ESI electrical cables

└ UETDRCJ26 Install and maintain de-energised low voltage underground polymeric cables

└ UETDRCJ27 Install and maintain de-energised high voltage underground polymeric cables

└ UETDRIS41 Install network infrastructure electrical equipment

└ UETDRIS42 Maintain network infrastructure electrical equipment

└ UETDRIS55 Install and maintain low voltage underground services

UETDRIS56 Install and maintain low voltage overhead services 40

Electrotechnology Electrician

Common Unit Group

└ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace

└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components

└ UEENEEE104A Solve problems in d.c. circuits

└ UEENEEE105A Fix and secure electrotechnology equipment

└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications

└ UEENEEG101A Solve problems in electromagnetic devices and related circuits

└ UEENEEG102A Solve problems in low voltage a.c.

circuits

└ UETTDREL16 Working safely near live electrical apparatus

Transmission Overhead Pathway Group

└ UETTDREL11 Apply sustainable energy and environmental procedures

└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus

└ UETTDRLS54 Install and maintain poles, structures and overhead conductors and cables

└ UETTDRT26 Install transmission structures and associated hardware

└ UETTDRT27 Maintain transmission structures and associated hardware

└ UETTDRT29 Install and maintain transmission overhead conductors and cables

Distribution Overhead Pathway Group

└ UETTDRLD12 Maintain overhead energised low voltage conductors and cables

└ UETTDREL11 Apply sustainable energy and environmental procedures

└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus

└ UETTDRLS52 Install and maintain poles, structures and associated hardware

└ UETTDRLS54 Install and maintain poles, structures and overhead conductors and cables

Rail Traction Pathway Group

└ UETTDREL11 Apply sustainable energy and environmental procedures

└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus

└ UETTDRLS52 Install and maintain poles, structures and associated hardware

└ UETTDRLS54 Install and maintain poles, structures and overhead conductors and cables

└ UETTDRT21 Install traction overhead wiring systems

└ UETTDRT22 Maintain traction overhead wiring

systems

└ UETTDRT23 Install rail traction bonds

└ UETTDRT27 Install overhead traction components and equipment

└ UETTDRT28 Maintain overhead traction components and equipment

Distribution Cable Jointing Pathway Group

└ UETTDRCJ21 Lay ESI electrical cables

└ UETTDRCJ26 Install and maintain de-energised low voltage underground polymeric cables

└ UETTDRCJ27 Install and maintain de-energised high voltage underground polymeric cables

└ UETTDREL11 Apply sustainable energy and environmental procedures

└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus

└ UETTDRI41 Install network infrastructure electrical equipment

└ UETTDRI42 Maintain network infrastructure electrical equipment

└ UETTDRI55 Install and maintain low voltage underground services

Electrotechnology Electrician Pathway Group

└ UEENEEE137A Document and apply measures to control OHS risks associated with electrotechnology work

└ UEENEEG006A Solve problems in single and three phase low voltage machines

└ UEENEEG033A Solve problems in single and three phase low voltage electrical apparatus and circuits

└ UEENEEG063A Arrange circuits, control and protection for general electrical installations

└ UEENEEG106A Terminate cables, cords and accessories for low voltage circuits

└ UEENEEG108A Trouble-shoot and repair faults in low voltage electrical apparatus and circuits

└ UEENEEG109A Develop and connect electrical control circuits

└ UEENEEK142A Apply environmentally and

	sustainable procedures in the energy sector	
	└ UETTDRI567 Solve problems in energy supply network equipment	
UETTDRI57	Conduct visual checking and treatment of power system poles and structures	30
	Electrotechnology Systems Electrician	
	Common Unit Group	
	└ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace	
	└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components	
	└ UEENEEE104A Solve problems in d.c. circuits	
	└ UEENEEE105A Fix and secure electrotechnology equipment	
	└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications	
	└ UEENEEG101A Solve problems in electromagnetic devices and related circuits	
	└ UEENEEG102A Solve problems in low voltage a.c. circuits	
	└ UETTDREL11 Apply sustainable energy and environmental procedures	
	└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus	
	└ UETTDREL16 Working safely near live electrical apparatus	
	Transmission Overhead Pathway Group	
	└ UETTDRI54 Install and maintain poles, structures and overhead conductors and cables	
	└ UETTDRT26 Install transmission structures and associated hardware	
	└ UETTDRT27 Maintain transmission structures and associated hardware	
	└ UETTDRT29 Install and maintain transmission overhead conductors and cables	
	└ UETTDRT30 Inspect transmission overhead structures and electrical apparatus	

Distribution Overhead Pathway Group

- └ UETTDRDP11 Inspect overhead poles-structures and electrical apparatus
- └ UETTDRDP12 Maintain overhead energised low voltage conductors and cables
- └ UETTDRIS41 Install network infrastructure electrical equipment
- └ UETTDRIS42 Maintain network infrastructure electrical equipment
- └ UETTDRIS52 Install and maintain poles, structures and associated hardware
- └ UETTDRIS54 Install and maintain poles, structures and overhead conductors and cables
- └ UETTDRIS56 Install and maintain low voltage overhead services

Rail Traction Pathway Group

- └ UETTDRIS52 Install and maintain poles, structures and associated hardware
- └ UETTDRIS54 Install and maintain poles, structures and overhead conductors and cables
- └ UETTDRRT21 Install traction overhead wiring systems
- └ UETTDRRT22 Maintain traction overhead wiring systems
- └ UETTDRRT23 Install rail traction bonds
- └ UETTDRRT27 Install overhead traction components and equipment
- └ UETTDRRT28 Maintain overhead traction components and equipment

Distribution Cable Joining Pathway Group

- └ UETTDRCJ21 Lay ESI electrical cables
- └ UETTDRCJ26 Install and maintain de-energised low voltage underground polymeric cables
- └ UETTDRCJ27 Install and maintain de-energised high voltage underground polymeric cables
- └ UETTDRDP11 Inspect overhead poles-structures and electrical apparatus
- └ UETTDRIS41 Install network infrastructure electrical equipment

	<ul style="list-style-type: none"> └ UETTDNIS42 Maintain network infrastructure electrical equipment └ UETTDNIS55 Install and maintain low voltage underground services 	
UETTDNIS58	<p>Locate faults in power system underground power cables</p> <p>Common Unit Group</p> <ul style="list-style-type: none"> └ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace └ UEENEEE102A Fabricate, assemble and dismantle utilities industry components └ UEENEEE104A Solve problems in d.c. circuits └ UEENEEE105A Fix and secure electrotechnology equipment └ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications └ UEENEEG101A Solve problems in electromagnetic devices and related circuits └ UEENEEG102A Solve problems in low voltage a.c. circuits └ UETTDRCJ21 Lay ESI electrical cables └ UETTDRCJ26 Install and maintain de-energised low voltage underground polymeric cables └ UETTDRCJ27 Install and maintain de-energised high voltage underground polymeric cables └ UETTDREL11 Apply sustainable energy and environmental procedures └ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus └ UETTDREL16 Working safely near live electrical apparatus └ UETTDNIS41 Install network infrastructure electrical equipment └ UETTDNIS42 Maintain network infrastructure electrical equipment └ UETTDNIS55 Install and maintain low voltage underground services 	60

UETTDRI59	Conduct high potential testing of power system underground power cables	50
	Common Unit Group	
	└ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace	
	└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components	
	└ UEENEEE104A Solve problems in d.c. circuits	
	└ UEENEEE105A Fix and secure electrotechnology equipment	
	└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications	
	└ UEENEEG101A Solve problems in electromagnetic devices and related circuits	
	└ UEENEEG102A Solve problems in low voltage a.c. circuits	
	└ UETTDRCJ21 Lay ESI electrical cables	
	└ UETTDRCJ26 Install and maintain de-energised low voltage underground polymeric cables	
	└ UETTDRCJ27 Install and maintain de-energised high voltage underground polymeric cables	
	└ UETTDREL11 Apply sustainable energy and environmental procedures	
	└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus	
	└ UETTDREL16 Working safely near live electrical apparatus	
	└ UETTDRI541 Install network infrastructure electrical equipment	
	└ UETTDRI542 Maintain network infrastructure electrical equipment	
	└ UETTDRI555 Install and maintain low voltage underground services	
UETTDRI60	Install and replace power system energy meters and associated equipment	50
	Electrotechnology Electrician	
	Common Unit Group	

└ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace

└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components

└ UEENEEE104A Solve problems in d.c. circuits

└ UEENEEE105A Fix and secure electrotechnology equipment

└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications

└ UEENEEG101A Solve problems in electromagnetic devices and related circuits

└ UEENEEG102A Solve problems in low voltage a.c. circuits

└ UETTDREL16 Working safely near live electrical apparatus

Distribution Overhead Pathway Group

└ UETTD RDP12 Maintain overhead energised low voltage conductors and cables

└ UETTDREL11 Apply sustainable energy and environmental procedures

└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus

└ UETTD RIS41 Install network infrastructure electrical equipment

└ UETTD RIS42 Maintain network infrastructure electrical equipment

└ UETTD RIS52 Install and maintain poles, structures and associated hardware

└ UETTD RIS54 Install and maintain poles, structures and overhead conductors and cables

└ UETTD RIS56 Install and maintain low voltage overhead services

Distribution Cable Jointing Pathway Group

└ UETTD R C J21 Lay ESI electrical cables

└ UETTD R C J26 Install and maintain de-energised low voltage underground polymeric cables

└ UETTD R C J27 Install and maintain de-energised high voltage underground polymeric cables

└ UETTDREL11 Apply sustainable energy and environmental procedures

└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus

└ UETTDRLS41 Install network infrastructure electrical equipment

└ UETTDRLS42 Maintain network infrastructure electrical equipment

└ UETTDRLS55 Install and maintain low voltage underground services

Electrotechnology Electrician Pathway Group

└ UEENEEE137A Document and apply measures to control OHS risks associated with electrotechnology work

└ UEENEEG006A Solve problems in single and three phase low voltage machines

└ UEENEEG033A Solve problems in single and three phase low voltage electrical apparatus and circuits

└ UEENEEG063A Arrange circuits, control and protection for general electrical installations

└ UEENEEG103A Install low voltage wiring and accessories

└ UEENEEG104A Install appliances, switchgear and associated accessories for low voltage electrical installations

└ UEENEEG106A Terminate cables, cords and accessories for low voltage circuits

└ UEENEEG107A Select wiring systems and cables for low voltage general electrical installations

└ UEENEEG108A Trouble-shoot and repair faults in low voltage electrical apparatus and circuits

└ UEENEEG109A Develop and connect electrical control circuits

└ UEENEEK142A Apply environmentally and sustainable procedures in the energy sector

UETTDRLS61 Install mobile generation set for synchronised LV 50
Genset

Electrotechnology Electrician

Common Unit Group

└ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace

└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components

└ UEENEEE104A Solve problems in d.c. circuits

└ UEENEEE105A Fix and secure electrotechnology equipment

└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications

└ UEENEEG101A Solve problems in electromagnetic devices and related circuits

└ UEENEEG102A Solve problems in low voltage a.c. circuits

└ UETTDREL16 Working safely near live electrical apparatus

Transmission Overhead Pathway Group

└ UETTDREL11 Apply sustainable energy and environmental procedures

└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus

└ UETTDRLS54 Install and maintain poles, structures and overhead conductors and cables

└ UETTDRLTP26 Install transmission structures and associated hardware

└ UETTDRLTP27 Maintain transmission structures and associated hardware

└ UETTDRLTP29 Install and maintain transmission overhead conductors and cables

Distribution Overhead Pathway Group

└ UETTDRLDP12 Maintain overhead energised low voltage conductors and cables

└ UETTDREL11 Apply sustainable energy and environmental procedures

└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus

└ UETTDRLS41 Install network infrastructure electrical equipment

└ UETTDRLS42 Maintain network infrastructure

electrical equipment

└ UETTDNIS52 Install and maintain poles, structures and associated hardware

└ UETTDNIS54 Install and maintain poles, structures and overhead conductors and cables

└ UETTDNIS56 Install and maintain low voltage overhead services

Rail Traction Pathway Group

└ UETTDREL11 Apply sustainable energy and environmental procedures

└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus

└ UETTDNIS52 Install and maintain poles, structures and associated hardware

└ UETTDNIS54 Install and maintain poles, structures and overhead conductors and cables

└ UETTDNRT21 Install traction overhead wiring systems

└ UETTDNRT22 Maintain traction overhead wiring systems

└ UETTDNRT23 Install rail traction bonds

└ UETTDNRT27 Install overhead traction components and equipment

└ UETTDNRT28 Maintain overhead traction components and equipment

Distribution Cable Jointing Pathway Group

└ UETTDRCJ21 Lay ESI electrical cables

└ UETTDRCJ26 Install and maintain de-energised low voltage underground polymeric cables

└ UETTDRCJ27 Install and maintain de-energised high voltage underground polymeric cables

└ UETTDREL11 Apply sustainable energy and environmental procedures

└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus

└ UETTDNIS41 Install network infrastructure electrical equipment

└ UETTDNIS42 Maintain network infrastructure electrical equipment

└ UETTDNIS55 Install and maintain low voltage underground services

Electrotechnology Electrician Pathway Group

└ UEENEEE137A Document and apply measures to control OHS risks associated with electrotechnology work

└ UEENEEG006A Solve problems in single and three phase low voltage machines

└ UEENEEG033A Solve problems in single and three phase low voltage electrical apparatus and circuits

└ UEENEEG063A Arrange circuits, control and protection for general electrical installations

└ UEENEEG103A Install low voltage wiring and accessories

└ UEENEEG104A Install appliances, switchgear and associated accessories for low voltage electrical installations

└ UEENEEG106A Terminate cables, cords and accessories for low voltage circuits

└ UEENEEG107A Select wiring systems and cables for low voltage general electrical installations

└ UEENEEG108A Trouble-shoot and repair faults in low voltage electrical apparatus and circuits

└ UEENEEG109A Develop and connect electrical control circuits

└ UEENEEK142A Apply environmentally and sustainable procedures in the energy sector

UETTDNRB39 Perform power system substation switching operation to a given schedule 50

Electrical

Common Unit Group

└ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace

└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components

└ UEENEEE104A Solve problems in d.c. circuits

└ UEENEEE105A Fix and secure electrotechnology equipment

└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications

└ UEENEEG101A Solve problems in electromagnetic devices and related circuits

└ UEENEEG102A Solve problems in low voltage a.c. circuits

└ UETTDREL16 Working safely near live electrical apparatus

Transmission Overhead Pathway Group

└ UETTDREL11 Apply sustainable energy and environmental procedures

└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus

└ UETTDRLS54 Install and maintain poles, structures and overhead conductors and cables

└ UETTDRLTP26 Install transmission structures and associated hardware

└ UETTDRLTP27 Maintain transmission structures and associated hardware

└ UETTDRLTP29 Install and maintain transmission overhead conductors and cables

Distribution Overhead Pathway Group

└ UETTDRLDP12 Maintain overhead energised low voltage conductors and cables

└ UETTDREL11 Apply sustainable energy and environmental procedures

└ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus

└ UETTDRLS41 Install network infrastructure electrical equipment

└ UETTDRLS42 Maintain network infrastructure electrical equipment

└ UETTDRLS52 Install and maintain poles, structures and associated hardware

└ UETTDRLS54 Install and maintain poles, structures and overhead conductors and cables

└ UETTDRLS56 Install and maintain low voltage overhead services

Rail Traction Pathway Group

- └ UETTDREL11 Apply sustainable energy and environmental procedures
 - └ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus
 - └ UETTDRLS52 Install and maintain poles, structures and associated hardware
 - └ UETTDRLS54 Install and maintain poles, structures and overhead conductors and cables
 - └ UETTDRLT21 Install traction overhead wiring systems
 - └ UETTDRLT22 Maintain traction overhead wiring systems
 - └ UETTDRLT23 Install rail traction bonds
 - └ UETTDRLT27 Install overhead traction components and equipment
 - └ UETTDRLT28 Maintain overhead traction components and equipment
- Distribution Cable Jointing Pathway Group
- └ UETTDRCJ21 Lay ESI electrical cables
 - └ UETTDRCJ26 Install and maintain de-energised low voltage underground polymeric cables
 - └ UETTDRCJ27 Install and maintain de-energised high voltage underground polymeric cables
 - └ UETTDREL11 Apply sustainable energy and environmental procedures
 - └ UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus
 - └ UETTDRLS41 Install network infrastructure electrical equipment
 - └ UETTDRLS42 Maintain network infrastructure electrical equipment
 - └ UETTDRLS55 Install and maintain low voltage underground services
- Electrical Pathway Group
- └ UEENEEE137A Document and apply measures to control OHS risks associated with electrotechnology work
 - └ UEENEEG006A Solve problems in single and three phase low voltage machines

- └ UEENEEG033A Solve problems in single and three phase low voltage electrical apparatus and circuits
- └ UEENEEG063A Arrange circuits, control and protection for general electrical installations
- └ UEENEEG106A Terminate cables, cords and accessories for low voltage circuits
- └ UEENEEG108A Trouble-shoot and repair faults in low voltage electrical apparatus and circuits
- └ UEENEEG109A Develop and connect electrical control circuits
- └ UEENEEK142A Apply environmentally and sustainable procedures in the energy sector
- └ UETTDRI67 Solve problems in energy supply network equipment

Qualification Mapping Information

This qualification replaces and is equivalent to UET30812 Certificate III in ESI - Power Systems - Distribution Cable Jointing

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=229bace1-b7bc-4653-9300-dffb13ecfad7>