



**Australian Government**

**UEP50418 Diploma of ESI Generation  
Maintenance - Electrical Electronic**

**Release 2**

# UEP50418 Diploma of ESI Generation Maintenance - Electrical Electronic

## Modification History

Release 2. This is the second release of this qualification in the Electricity Supply Industry - Generation Sector Training Package. The following modification has been made:

- UEPMNT415 Diagnose and repair faults in complex refrigeration and air conditioning equipment, UEPMNT501 Diagnose and repair faults in electrical and electronic systems, UEPMNT503 Diagnose and repair faults in instrumentation systems, UEPMNT345 Install electronic equipment, UEPMNT319 Maintain and test fixed fire protection systems, UEPMNT426 Maintain electronic instrumentation equipment, UEPMNT362 Maintain wind turbine control systems, UEPMNT361 Maintain wind turbine mechanical systems, UEPMNT413 Modify electronic electrical equipment, UEPMNT429 Modify electronic instrumentation equipment, UEPMNT424 Monitor efficiency of thermal steam cycle power plant, UEPMNT416 Overhaul electrical generator, UEPMNT352 Test and commission electronic electrical equipment, UEPMNT502 Test and commission electronic electrical systems, UEPMNT431 Test and commission electronic instrumentation equipment and UEPMNT504 Test and commission instrumentation systems deleted due to zero enrolment.

Release 1. This is the first release of this qualification in the UEP - Electricity Supply Industry - Generation Sector Training Package.

## Qualification Description

Participants gaining this qualification will be able to manufacture, fit, assemble, erect, operate, test, diagnose faults, alter and repair electrical and electronic equipment including instrumentation systems. It does not include installation of any electrical wiring systems within an electrical installation as prescribed in current industry standards.

Functions can include maintenance planning and scheduling, as well as electrical wiring work if it is associated with assembling, maintaining, terminating or altering the wiring between electrical components within power generating plant or machinery. It also includes the supervision of others and the coordination of work activities.

Electrical equipment means any appliance, article, accessory, wire, fitting, cable, conduit or apparatus that generates, uses, conveys or controls, or that is intended to generate, use, convey or control electricity above extra low voltage.

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

## Entry Requirements

There are no entry requirements for this qualification.

## Packaging Rules

A total 1600 weighting points comprising 1010 core weighting points, plus 590 general elective weighting points from the general elective units listed below.

Choose a minimum of 870 weighting point elective units from the list below; up to 270 weighting points can be taken from Group A. A maximum 180 weighting points can be selected from Group B. A maximum 240 weighting points can be selected from Group C. A minimum of 180 to a maximum of 540 weighting points may be taken from Group D. You may select all your elective units from this group.

Up to 270 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 that selected units contribute to the vocational outcome of the qualification. Previously assigned weighting points are listed in UEP CVIG, if not listed weighting points will be 10 points unless directed from the ESI Generation Industry Reference Committee (IRC). The general elective units must contribute to the vocational outcomes of the qualification. The general elective units must contribute to the vocational outcomes of the qualification.

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

<b>Core units</b>	<b>Weighting points</b>
UEENEEE101A Apply Occupational, Health and Safety regulations, codes and practices in the workplace	20
UEENEEE102A Fabricate, assemble, dismantle utilities 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
UEENEEE117A Implement and monitor energy sector OHS policies and procedures	20

UEENEEE137A	Document and apply measures to control OHS risks associated with electrotechnology work	20
	└ UEENEEE101A Apply Occupational, Health and Safety regulations, codes and practices in the workplace	
UEENEEG006A	Solve problems in single and three phase low voltage machines	80
	└ 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. circuit	
	└ UEENEEG106A Terminate cables, cords and accessories for low voltage circuits	
UEENEEG033A	Solve problems in single and three phase low voltage electrical apparatus and circuits	60
	└ 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. circuit	
	└ UEENEEG106A Terminate cables, cords and accessories for low voltage circuits	

UEENEEG063A	Arrange circuits, control and protection for general electrical installations L UEENEEE101A Apply Occupational, Health and Safety regulations, codes and practices in the workplace L UEENEEE102A Fabricate, assemble and dismantle utilities industry components L UEENEEE104A Solve problems in D.C. circuits L UEENEEE105A Fix and secure electrotechnology equipment L UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications L UEENEEG101A Solve problems in electromagnetic devices and related circuits L UEENEEG102A Solve problems in low voltage A.C. circuit L UEENEEG106A Terminate cables, cords and accessories for low voltage circuits	40
UEENEEG101A	Solve problems in electromagnetic devices and related circuits L UEENEEE101A Apply Occupational, Health and Safety regulations, codes and practices in the workplace L UEENEEE104A Solve problems in D.C. circuits	60
UEENEEG102A	Solve problems in low voltage A.C circuits L UEENEEE101A Apply Occupational, Health and Safety regulations, codes and practices in the workplace L UEENEEE104A Solve problems in D.C. circuits L UEENEEG101A Solve problems in electromagnetic devices and related circuits	80
UEENEEG106A	Terminate cables, cords and accessories for low voltage circuits L UEENEEE101A Apply Occupational, Health and Safety regulations, codes and practices in the workplace L UEENEEE102A Fabricate, assemble and dismantle utilities industry components L UEENEEE105A Fix and secure electrotechnology equipment L UEENEEE107A Use drawings, diagrams, schedules,	40

standards, codes and specifications

UEENEEG108A	<p>Troubleshoot and repair faults in low voltage electrical apparatus and circuits</p> <ul style="list-style-type: none"> <li>└ UEENEEE101A Apply Occupational, Health and Safety regulations, codes and practices in the workplace</li> <li>└ UEENEEE102A Fabricate, dismantle, assemble of utilities components</li> <li>└ UEENEEE104A Solve problems in D.C. circuits</li> <li>└ UEENEEE105A Fix and secure electrotechnology equipment</li> <li>└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications</li> <li>└ UEENEEG006A Solve problems in single and three phase low voltage machines</li> <li>└ UEENEEG033A Solve problems in single and three phase electrical apparatus and circuits</li> <li>└ UEENEEG063A Arrange circuits, control and protection for general electrical installations</li> <li>└ UEENEEG101A Solve problems in electromagnetic devices and related circuits</li> <li>└ UEENEEG102A Solve problems in low voltage A.C. circuits</li> <li>└ UEENEEG106A Terminate cables, cords and accessories for low voltage circuits</li> </ul>	40
UEENEEG109A	<p>Develop and connect electrical control circuits</p> <ul style="list-style-type: none"> <li>└ UEENEEE101A Apply Occupational, Health and Safety regulations, codes and practices in the workplace</li> <li>└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components</li> <li>└ UEENEEE104A Solve problems in D.C. circuits</li> <li>└ UEENEEE105A Fix and secure electrotechnology equipment</li> <li>└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications</li> <li>└ UEENEEG006A Solve problems in single and three phase low voltage machines</li> <li>└ UEENEEG063A Arrange circuits, control and</li> </ul>	80

	protection for general electrical installations	
	└ UEENEEG101A Solve problems in electromagnetic devices and related circuits	
	└ UEENEEG102A Solve problems in low voltage A.C. circuit	
	└ UEENEEG106A Terminate cables, cords and accessories for low voltage circuits	
UEPOPS337	Maintain quality systems within the team	20
	└ UEPOPS202 Apply quality systems to work	
UEPOPS202	Apply quality systems to work	20
UEPOPS338	Facilitate workplace communication	20
UEPOPS371	Carry out operational checks on in-service electrical plant	40
UEPOPS417	Monitor and implement environmental site plans and procedures	20
UEPOPS430	Control permit to work operations	20
UEPOPS439	Plan and organise work	30
UEPOPS501	Manage Work, Health and Safety policy and procedures	40
	└ UEENEEE117A Implement and monitor energy sector OHS policies and procedures	
UEPOPS507	Conduct project management	60
UEPOPS509	Manage quality control procedures	40
<b>Group A elective units</b>		<b>Weighting points</b>
BSBWOR501	Manage personal work priorities and professional development	60
BSBMGT502	Manage people performance	70
BSBMGT517	Manage operational plan	60
BSBINM501	Manage an information or knowledge management system	50

BSBCUS501	Manage quality customer service	40
BSBMGT516	Facilitate continuous improvement	60
BSBINN502	Build and sustain an innovative work environment	50
BSBLED501	Develop a workplace learning environment	60
BSBWOR502	Lead and manage team effectiveness	60
BSBWHS501	Ensure a safe workplace	60
<b>Group B elective units</b>		<b>Weighting points</b>
UEPMNT346	Maintain electrical equipment	40
	<ul style="list-style-type: none"> <li>└ UEENEEG108A Trouble shoot and repair faults in low voltage electrical apparatus and circuits</li> <li>└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components</li> <li>└ UEENEEE105A Fix and secure electrotechnology equipment</li> <li>└ UEENEEE107A Use drawings, diagrams, schedules, standards, cords and specifications</li> <li>└ UEENEEG006A Solve problems in single and three phase low voltage machines</li> <li>└ UEENEEG033A Solve problems in single and three phase low voltage electrical apparatus and circuits</li> <li>└ UEENEEG063A Arrange circuits, control and protection for general electrical installations</li> <li>└ UEENEEG101A Solve problems in electromagnetic devices and related circuits</li> <li>└ UEENEEG102A Solve problems in low voltage A.C. circuits</li> <li>└ UEENEEG106A Terminate cables, cords and accessories for low voltage circuits</li> </ul>	
UEPMNT347	Maintain complex electrical equipment	60
	└ UEPMNT346 Maintain electrical equipment	
UEPMNT348	Maintain electrical electronic equipment	40
	└ UEENEEG108A Trouble shoot and repair faults in	



low voltage electrical apparatus and circuits

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

└ 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

└ UEENEEG101A Solve problems in electromagnetic devices and related circuits

└ UEENEEG102A Solve problems in low voltage A.C. circuits

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

UEPMNT350      Modify electrical equipment      40

└ UEENEEG108A Troubleshoot and repair faults in low voltage electrical apparatus and circuits

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

└ 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

└ UEENEEG101A Solve problems in electromagnetic devices and related circuits

└ UEENEEG102A Solve problems in low voltage A.C. circuits

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

UEPMNT351      Test and commission electrical equipment      40

└ UEENEEG108A Troubleshoot and repair faults in low voltage electrical apparatus and circuits

└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components

└ UEENEEE104A Solve problems in D.C. circuits

	<ul style="list-style-type: none"> <li>└ UEENEEE105A Fix and secure electrotechnology equipment</li> <li>└ UEENEEE107A Use drawings, diagrams, schedules, standards, cords and specifications</li> <li>└ UEENEEG006A Solve problems in single and three phase low voltage machines</li> <li>└ UEENEEG033A Solve problems in single and three phase low voltage electrical apparatus and circuits</li> <li>└ UEENEEG063A Arrange circuits, control and protection for general electrical installations</li> <li>└ UEENEEG101A Solve problems in electromagnetic devices and related circuits</li> <li>└ UEENEEG102A Solve problems in low voltage A.C. circuits</li> <li>└ UEENEEG106A Terminate cables, cords and accessories for low voltage circuits</li> </ul>	
UEPMNT355	<p>Install complex electronic instrumentation equipment</p> <ul style="list-style-type: none"> <li>└ UEENEEI108A Install instrumentation and control apparatus and associated equipment</li> <li>└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components</li> <li>└ UEENEEE105A Fix and secure electrotechnology equipment</li> <li>└ UEENEEE107A Use drawings, diagrams, schedules, standards, cords and specifications</li> </ul>	40
UEPMNT356	<p>Maintain instrumentation equipment</p> <ul style="list-style-type: none"> <li>└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components</li> <li>└ UEENEEE105A Fix and secure electrotechnology equipment</li> <li>└ UEENEEE107A Use drawings, diagrams, schedules, standards, cords and specifications</li> </ul>	40
UEPMNT357	<p>Diagnose and repair faults in instrumentation equipment</p> <ul style="list-style-type: none"> <li>UEENEEE102A Fabricate, assemble and dismantle utilities industry components</li> <li>└ UEENEEE105A Fix and secure electrotechnology equipment</li> <li>└ UEENEEE107A Use drawings, diagrams, schedules,</li> </ul>	60

	standards, cords and specifications	
UEPMNT358	<p>Modify instrumentation equipment</p> <p>└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components</p> <p>└ UEENEEE105A Fix and secure electrotechnology equipment</p> <p>└ UEENEEE107A Use drawings, diagrams, schedules, standards, cords and specifications</p>	40
UEPMNT359	<p>Test and commission instrumentation equipment</p> <p>UEENEEE102A Fabricate, assemble and dismantle utilities industry components</p> <p>└ UEENEEE105A Fix and secure electrotechnology equipment</p> <p>└ UEENEEE107A Use drawings, diagrams, schedules, standards, cords and specifications</p>	40
UEPMNT366	<p>Maintain power plant inverter systems</p> <p>└ UEENEEG108A Troubleshoot and repair faults in low voltage electrical apparatus and circuits</p> <p>└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components</p> <p>└ UEENEEE104A Solve problems in D.C. circuits</p> <p>└ UEENEEE105A Fix and secure electrotechnology equipment</p> <p>└ UEENEEE107A Use drawings, diagrams, schedules, standards, cords and specifications</p> <p>└ UEENEEG006A Solve problems in single and three phase low voltage machines</p> <p>└ UEENEEG033A Solve problems in single and three phase low voltage electrical apparatus and circuits</p> <p>└ UEENEEG063A Arrange circuits, control and protection for general electrical installations</p> <p>└ UEENEEG101A Solve problems in electromagnetic devices and related circuits</p> <p>└ UEENEEG102A Solve problems in low voltage A.C. circuits</p> <p>└ UEENEEG106A Terminate cables, cords and accessories for low voltage circuits</p>	60

UEPOPS301	Conduct single energy source isolation procedures for permit to work	40
<b>Group C elective units</b>		<b>Weighting points</b>
UEENEEC005B	Estimate electrotechnology projects	40
UEENEEE124A	Compile and produce an energy sector detailed report	60
UEPMNT410	Diagnose and repair faults in electronic equipment	60
	<ul style="list-style-type: none"> <li>└ UEENEEG108A Trouble shoot and repair faults in low voltage electrical apparatus and circuits</li> <li>└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components</li> <li>└ UEENEEE104A Solve problems in D.C. circuits</li> <li>└ UEENEEE105A Fix and secure electrotechnology equipment</li> <li>└ UEENEEE107A Use drawings, diagrams, schedules, standards, cords and specifications</li> <li>└ UEENEEG006A Solve problems in single and three phase low voltage machines</li> <li>└ UEENEEG033A Solve problems in single and three phase low voltage electrical apparatus and circuits</li> <li>└ UEENEEG063A Arrange circuits, control and protection for general electrical installations</li> <li>└ UEENEEG101A Solve problems in electromagnetic devices and related circuits</li> <li>└ UEENEEG102A Solve problems in low voltage A.C. circuits</li> <li>└ UEENEEG106A Terminate cables, cords and accessories for low voltage circuits</li> </ul>	
UEPMNT411	Diagnose and repair faults in complex electrical equipment	60
	<ul style="list-style-type: none"> <li>└ UEENEEG108A Trouble shoot and repair faults in low voltage electrical apparatus and circuits</li> <li>└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components</li> <li>└ UEENEEE104A Solve problems in D.C. circuits</li> <li>└ UEENEEE105A Fix and secure electrotechnology</li> </ul>	

## equipment

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

└ 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

└ UEENEEG101A Solve problems in electromagnetic devices and related circuits

└ UEENEEG102A Solve problems in low voltage A.C. circuits

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

UEPMNT412      Modify complex electrical equipment      60

└ UEPMNT350 Modify electrical equipment

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

└ 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, cords and specifications

└ 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

└ UEENEEG101A Solve problems in electromagnetic devices and related circuits

└ UEENEEG102A Solve problems in low voltage A.C. circuits

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

UEPMNT414	Test and commission complex electrical equipment	60
	└ UEPMNT351 Test and commission electrical equipment	
	└ UEENEEG108A Trouble shoot and repair faults in low voltage electrical apparatus and circuits	
	└ 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, cords and specifications	
	└ 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	
	└ UEENEEG101A Solve problems in electromagnetic devices and related circuits	
	└ UEENEEG102A Solve problems in low voltage A.C. circuits	
	└ UEENEEG106A Terminate cables, cords and accessories for low voltage circuits	
UEPMNT417	Inspect electrical generators and diagnose faults	80
	└ UEPMNT351 Test and commission electrical equipment	
	└ UEENEEG108A Trouble shoot and repair faults in low voltage electrical apparatus and circuits	
	└ 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, cords and specifications	
	└ UEENEEG006A Solve problems in single and three phase low voltage machines	

	<ul style="list-style-type: none"> <li>└ UEENEEG033A Solve problems in single and three phase low voltage electrical apparatus and circuits</li> <li>└ UEENEEG063A Arrange circuits, control and protection for general electrical installations</li> <li>└ UEENEEG101A Solve problems in electromagnetic devices and related circuits</li> <li>└ UEENEEG102A Solve problems in low voltage A.C. circuits</li> <li>└ UEENEEG106A Terminate cables, cords and accessories for low voltage circuits</li> </ul>	
UEPMNT421	<p>Conduct technical inspection of process plant and equipment</p> <ul style="list-style-type: none"> <li>└ UEPMNT351 Test and commission electrical equipment</li> <li>└ UEENEEG108A Trouble shoot and repair faults in low voltage electrical apparatus and circuits</li> <li>└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components</li> <li>└ UEENEEE104A Solve problems in D.C. circuits</li> <li>└ UEENEEE105A Fix and secure electrotechnology equipment</li> <li>└ UEENEEE107A Use drawings, diagrams, schedules, standards, cords and specifications</li> <li>└ UEENEEG006A Solve problems in single and three phase low voltage machines</li> <li>└ UEENEEG033A Solve problems in single and three phase low voltage electrical apparatus and circuits</li> <li>└ UEENEEG063A Arrange circuits, control and protection for general electrical installations</li> <li>└ UEENEEG101A Solve problems in electromagnetic devices and related circuits</li> <li>└ UEENEEG102A Solve problems in low voltage A.C. circuits</li> <li>└ UEENEEG106A Terminate cables, cords and accessories for low voltage circuits</li> </ul>	60
UEPMNT422	<p>Conduct performance testing on process plant and equipment</p> <ul style="list-style-type: none"> <li>└ UEPMNT351 Test and commission electrical equipment</li> </ul>	60

	<ul style="list-style-type: none"> <li>└ UEENEEG108A Trouble shoot and repair faults in low voltage electrical apparatus and circuits</li> <li>└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components</li> <li>└ UEENEEE104A Solve problems in D.C. circuits</li> <li>└ UEENEEE105A Fix and secure electrotechnology equipment</li> <li>└ UEENEEE107A Use drawings, diagrams, schedules, standards, cords and specifications</li> <li>└ UEENEEG006A Solve problems in single and three phase low voltage machines</li> <li>└ UEENEEG033A Solve problems in single and three phase low voltage electrical apparatus and circuits</li> <li>└ UEENEEG063A Arrange circuits, control and protection for general electrical installations</li> <li>└ UEENEEG101A Solve problems in electromagnetic devices and related circuits</li> <li>└ UEENEEG102A Solve problems in low voltage A.C. circuits</li> <li>└ UEENEEG106A Terminate cables, cords and accessories for low voltage circuit</li> </ul>	
UEPMNT425	<p>Maintain complex instrumentation equipment</p> <ul style="list-style-type: none"> <li>└ UEPMNT356 Maintain instrumentation equipment</li> <li>└ UEENEEE102 Fabricate, assemble and dismantle utilities industry components</li> <li>└ UEENEEE105A Fix and secure electrotechnology equipment</li> <li>└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications</li> </ul>	80
UEPMNT427	<p>Diagnose and repair faults in complex instrumentation equipment</p> <ul style="list-style-type: none"> <li>└ UEPMNT356 Maintain instrumentation equipment</li> <li>└ UEENEEE102A Fabricate, assemble and dismantle utilities industry components</li> <li>└ UEENEEE105A Fix and secure electrotechnology equipment</li> <li>└ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications</li> </ul>	80



UEPMNT428	Modify complex instrumentation equipment └ UEPMNT356 Maintain instrumentation equipment └ UEENEEE102A Fabricate, assemble and dismantle utilities industry components └ UEENEEE105A Fix and secure electrotechnology equipment └ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications	80
UEPMNT430	Test and commission complex instrumentation equipment └ UEPMNT359 Test and commission instrumentation equipment └ UEENEEE102A Fabricate, assemble and dismantle utilities industry components └ UEENEEE105A Fix and secure electrotechnology equipment └ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications	80
UEPOPS402	Conduct multiple energy source isolation procedures for permit to work └ UEPOPS301 Conduct single energy source isolation procedures for permit to work.	40
UEPOPS440	Coordinate team activities	30
<b>Group D elective units</b>		<b>Weighting points</b>
UEPOPS508	Manage commissioning and decommissioning	80
UEPOPS511	Tune process plant and equipment	60

## Qualification Mapping Information

This qualification replaces and is equivalent to UEP50412 Diploma of ESI Generation Maintenance - Electrical Electronic

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1715b9fa-e7bd-441c-bb8d-cf22c9c825a8>

