



Australian Government

UEP20122 Certificate II in ESI Generation - Operations Support

Release 2

UEP20122 Certificate II in ESI Generation - Operations Support

Modification History

Release 2. This is the second release of this qualification in the UEP Electricity Supply Industry - Generation Sector Training Package. With the following change:

- Minor change to Packaging Rules.

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

Qualification Description

This qualification covers the skills and knowledge required to perform operations support functions in the electrical supply industry. Functions include the operation of non-critical generation plant systems, lubricating generation plant and performing minor maintenance on electrical and mechanical equipment. It also includes cleaning power generation plant, operating mobile load shifting equipment and observing safe working practices in the workplace.

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 of **13 units** comprising:

- **6 core units** listed below; **plus**
- **7 elective units** from Group A.

1 elective unit may be selected with appropriate contextualisation from a qualification in this or any endorsed Training Package, provided selected units contribute to the vocational outcome of the qualification

Where imported units are selected, care must be taken to ensure all prerequisite units specified are complied with. Prerequisites attached to any of the units must be obtained and are additional to the number of units required for the qualification.

Where a prerequisite unit is attached to a unit, it is identified by this symbol L.

Core units

UEECD0007 Apply work health and safety regulations, codes and practices in the

workplace

- UEPOPS002 Apply environmental and sustainable energy procedures
- UEPOPS003 Apply quality systems to work
- UEPOPS045 Maintain and utilise records
- UEPOPS122 Perform process plant inspections
- UEPOPS145 Undertake local systems operations

Group A Elective units

- CPCCCM2007 Use explosive power tools
 - └ CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
- CPCCLDG3001 Licence to perform dogging
- CPCCLHS3001 Licence to operate a personnel and materials hoist
- CPCCLHS3002 Licence to operate a materials hoist
- CPCCLRG3001 Licence to perform rigging basic level
 - └ CPCCLDG3001 Licence to perform dogging
- CPCCLRG3002 Licence to perform rigging intermediate level
 - └ CPCCLRG3001 Licence to perform rigging basic level
- CPCCLSF2001 Licence to erect, alter and dismantle scaffolding basic level
- CPCCLSF3001 Licence to erect, alter and dismantle scaffolding intermediate level
 - └ CPCCLSF2001 Licence to erect, alter and dismantle scaffolding basic level
- CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
- MEM05004 Perform routine oxy fuel gas welding
 - └ MEM11011 Undertake manual handling
 - └ MEM13015 Work safely and effectively in manufacturing and engineering
 - └ MEM16006 Organise and communicate information
- MEM05007 Perform manual heating and thermal cutting
 - └ MEM09002 Interpret technical drawing
 - └ MEM11011 Undertake manual handling

	<ul style="list-style-type: none">└ MEM12023 Perform engineering measurements└ MEM13015 Work safely and effectively in manufacturing and engineering└ MEM16006 Organise and communicate information
MEM05012	Perform routine manual metal arc welding <ul style="list-style-type: none">└ MEM11011 Undertake manual handling└ MEM13015 Work safely and effectively in manufacturing and engineering└ MEM16006 Organise and communicate information
MEM09002	Interpret technical drawing <ul style="list-style-type: none">└ MEM12023 Perform engineering measurements└ MEM12024 Perform computations└ MEM13015 Work safely and effectively in manufacturing and engineering└ MEM16006 Organise and communicate information
MEM11011	Undertake manual handling <ul style="list-style-type: none">└ MEM13015 Work safely and effectively in manufacturing and engineering└ MEM16006 Organise and communicate information
MEM12023	Perform engineering measurements <ul style="list-style-type: none">└ MEM13015 Work safely and effectively in manufacturing and engineering└ MEM16006 Organise and communicate information
MEM12024	Perform computations <ul style="list-style-type: none">└ MEM13015 Work safely and effectively in manufacturing and engineering└ MEM16006 Organise and communicate information
MEM13015	Work safely and effectively in manufacturing and engineering
MEM16006	Organise and communicate information <ul style="list-style-type: none">└ MEM13015 Work safely and effectively in manufacturing and engineering
RIIMPO304E	Conduct wheel loader operations
RIIMPO308F	Conduct tracked dozer operations
RIIMPO309F	Conduct wheeled dozer operations
RIIMPO319E	Conduct backhoe/loader operations
TLILIC0003	Licence to operate a forklift truck

TLILIC0024	Licence to operate a vehicle loading crane (capacity 10 metre tonnes and above)
TLILIC0005	Licence to operate a boom-type elevating work platform (boom length 11 metres or more)
TLILIC0040	Licence to operate a non-slewing mobile crane (greater than 3 tonnes capacity)
UEECD0019	Fabricate, assemble and dismantle utilities industry components └ UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
UEPMNT001	Carry out routine work activities in an electricity supply industry generation environment
UEPOPS005	Clean plant and equipment
UEPOPS007	Conduct chemical batching operations
UEPOPS009	Conduct minor electrical maintenance
UEPOPS010	Conduct minor mechanical maintenance
UEPOPS016	Conduct routine wind turbine maintenance
UEPOPS044	Liaise with stakeholders
UEPOPS046	Maintain battery banks and cells
UEPOPS069	Operate air conditioning plant
UEPOPS078	Operate and monitor an internal combustion dual fuel reciprocating engine
UEPOPS079	Operate and monitor an internal combustion single fuel reciprocating engine
UEPOPS080	Operate and monitor ash and dust disposal plant
UEPOPS085	Operate and monitor communications system
UEPOPS091	Operate and monitor dust collection plant
UEPOPS097	Operate and monitor fuel supply - coal
UEPOPS106	Operate and monitor site services water systems
UEPOPS119	Operate waste and contaminated water plant
UEPOPS121	Perform plant lubrication

UEPOPS125 Perform tool store duties

UEPOPS142 Transport plant and equipment

Qualification Mapping Information

This qualification replaces and is equivalent to UEP20118 Certificate II in ESI Generation - Operations Support

Links

Companion Volume implementation guides are found in VETNet -

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