



Australian Government

UEP20122 Certificate II in ESI Generation - Operations Support

Release 1

UEP20122 Certificate II in ESI Generation - Operations Support

Modification History

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, **plus**
- **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 ⊏.

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

CPCCCM200 Use explosive power tools

7
└ CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry

CPCCLDG30 Licence to perform dogging
01

CPCCLHS30 Licence to operate a personnel and materials hoist
01

CPCCLHS30 Licence to operate a materials hoist
02

CPCCLRG30 Licence to perform rigging basic level
01
└ CPCCLDG3001 Licence to perform dogging

CPCCLRG30 Licence to perform rigging intermediate level
02
└ CPCCLRG3001 Licence to perform rigging basic level

CPCCLSF200 Licence to erect, alter and dismantle scaffolding basic level
1

CPCCLSF300 Licence to erect, alter and dismantle scaffolding intermediate level
1
└ CPCCLSF2001 Licence to erect, alter and dismantle scaffolding basic level

CPCCWHS20 Apply WHS requirements, policies and procedures in the construction industry
01

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

- └ 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
- └ MEM11011 Undertake manual handling
 - └ MEM13015 Work safely and effectively in manufacturing and engineering
 - └ MEM16006 Organise and communicate information
- MEM09002 Interpret technical drawing
- └ 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
- └ MEM13015 Work safely and effectively in manufacturing and engineering
 - └ MEM16006 Organise and communicate information
- MEM12023 Perform engineering measurements
- └ MEM13015 Work safely and effectively in manufacturing and engineering
 - └ MEM16006 Organise and communicate information
- MEM12024 Perform computations
- └ 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
- └ 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)
TLILIC0018	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>