



Australian Government

UEP30112 Certificate III in ESI Generation - Systems Operations

Release 3

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Modification History

Release	Action	Core/Elective	Details	Points
2	Update	Group A	Correct unit Title RIIMPO318B Conduct civil construction skid steer loader operations	70
2	Update	Group A	CPCCCM2007B Use explosive power tool	15

3	Edit	Group B	Correct weighting points of UEPOPS320B – Operate and monitor compressed air systems	30
3	Edit	Core	Correct weighting points of UEPOPS342B – Interpret and analyse single operation protection devices	60
3	Edit	Group B	Correct weighting points of UEPOPS352B – Conduct operational checks on in-service mechanical plant	40

Description

Scope: Those gaining this qualification will be able to complete work function such as local operation of plant systems, isolation of plant systems for work, operation of plant systems, routine observation and maintenance of plant and equipment in operation, observation of civil plant and infrastructure observation of safe working practices and environmental procedures.

Pathways Information

Not applicable.

Licensing/Regulatory Information

Not applicable.

Entry Requirements

Not applicable.

Employability Skills Summary

Not applicable.

Packaging Rules

Completion requirements:

The requirements for granting this qualification will be met when competency is demonstrated and achieved for:

- All the Core competency standard units, and
- A combination of Elective competency standard units selected from Group A and/or Group B, to achieve a total weighting of 630 points.

Core Competency Standard Units		Weighting Points
All core competency standard units to be achieved		
UEENEEE101A	Apply Occupational Health Safety regulations, codes and practices in the workplace	20
UEPOPS202B	Apply Quality Systems to Work	20
UEPOPS204B	Maintain and Utilise Records	20
UEPOPS209B	Perform Process Plant Inspection	30
UEPOPS249B	Liaise with Stakeholders	20
UEPOPS252A	Undertake Local Systems Operations	30
UEPOPS301B	Conduct Single Energy Source Isolation Procedures for Permit to Work	40
UEPOPS317B	Operate and Monitor Fixed Fire Protection Systems	30
UEPOPS342B	Interpret and Analyse Single Operation Protection Devices	60
UEPOPS347B	Operate and Monitor Supervisory, Control and Data Acquisition Systems	40
UEPOPS356B	Apply Environmental and Sustainable Energy Procedures	20
UEPOPS364A	Ensure Compliance with Occupational Health and Safety policy and procedures	20
Total points in core		330

Elective Competency Standard Units

Complete Elective units to achieve a total weighting of 630 points from the following groups:

Group		Minimum points	Maximum points
A	Imported and Common Elective Units Imported units from other training packages and/or state accredited courses can be added to this group, but they must be selected from qualifications where the unit is first packaged at AQF level 3. If units have not being assigned a weighting by the relevant EE-Oz Industry Technical Advisory Committee, their weighting will be 10 points.	0	160
B	Qualification Elective Units You may select all your elective units from this Group	470	630

Group A - Imported and Common Elective Units.		Weighting Points
Complete units to a maximum weighting of 160 points		
BSBFLM303C	Contribute to effective workplace relationships	40
BSBFLM305C	Support operational plan	40
BSBFLM306C	Provide workplace information and resourcing plans	40
BSBFLM309C	Support continuous improvement systems and processes	40
BSBFLM311C	Support a workplace learning environment	40
BSBFLM312C	Contribute to team effectiveness	40
BSBINN301A	Promote innovation in a team environment	40
BSBWOR301B	Organise personal work priorities and development	40
CPCCCM2007B	Use explosive power tools	15
CPCCLDG3001 A	Licence to perform dogging	30

CPCCLHS3001 A	Licence to operate a personnel and materials hoist	30
CPCCLHS3002 A	Licence to operate a materials hoist	20
CPCCLRG3001 A	Licence to perform rigging basic level	40
CPCCLRG3002 A	Licence to perform rigging intermediate level	40
CPCCLRG4001 A	Licence to perform rigging advanced level	40
CPCCLSF2001A	Licence to erect, alter and dismantle scaffolding basic level	40
CPCCLSF3001A	Licence to erect, alter and dismantle scaffolding intermediate level	40
CPCCLSF4001A	Licence to erect, alter and dismantle scaffolding advanced level	40
MEM05004C	Perform routine oxy acetylene welding	20
MEM05007C	Perform manual heating and thermal cutting	20
MEM05012C	Perform routine manual metal arc welding	20
NWP318A	Monitor and Operate Gated Spillways	50
NWP319A	Monitor and Control Dam Operations	50
NWP320B	Monitor and Implement Dam Maintenance	50
RIIMPO304B	Conduct wheel loader operations	40
RIIHAN309A	Conduct Telescopic Materials Handler Operations	80
RIIMPO308B	Conduct tracked dozer operations	40
RIIMPO309A	Conduct wheeled dozer operations	40
RIIMPO318B	Conduct civil construction skid steer loader operations	70
RIIMPO319A	Conduct backhoe/loader operations	50
TLILIC2001A	Licence to operate a forklift truck	40

	<p>Imported units from other training packages and/or state accredited courses can be added to this group, but they must be selected from qualifications where the unit is first packaged at AQF level 3. If units have not being assigned a weighting by the relevant EE-Oz Industry Technical Advisory Committee, their weighting will be 10 points.</p> <p>Note: For further information see Application of the NQC Flexibility Formula, Page 10, UEP12 ESI Generation Sector Training Package, Part1.1.00</p>	Up to 160 points
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Group B Qualification Electives.		Weighting Points
At least 470 points to be achieved from this group. You may select all your elective units from this Group		
UEENEEE102 A	Fabricate, dismantle, assemble of utilities industry components	40
UEPOPS203B	Operate and Monitor Communications Systems	20
UEPOPS205B	Conduct Minor Mechanical Maintenance	40
UEPOPS206B	Conduct Minor Electrical Maintenance	40
UEPOPS207B	Perform Plant Lubrication	20
UEPOPS211B	Clean Plant and Equipment	20
UEPOPS304B	Make and Spread a Stockpile	40
UEPOPS305B	Operate & Monitor Briquette Coal Cooling Plant	40
UEPOPS306B	Operate & Monitor Briquette Coal Drying Plant	40
UEPOPS307B	Operate & Monitor Briquette Coal Press Plant	40
UEPOPS308B	Perform Briquette Laboratory Tests	40
UEPOPS309B	Operate and Monitor Air Conditioning Equipment and Ventilation Systems	20
UEPOPS310B	Operate Bulk Coal Handling Plant	40
UEPOPS311B	Operate Fabric Filter Dust Collection Plant	20
UEPOPS312B	Operate and Monitor Fuel Supply	20
UEPOPS313B	Operate and Monitor Boiler Draught System	40
UEPOPS314B	Operate and Monitor Fuel Firing Plant (Gas or Oil)	40
UEPOPS315B	Operate and Monitor Fuel Firing Plant (Coal)	40
UEPOPS316B	Operate and Monitor Boiler Steam/Water Cycle	40
UEPOPS318B	Operate and Monitor Compressed Gas Systems	30
UEPOPS319B	Operate and Monitor Gas Production Plant	30

UEPOPS320B	Operate and Monitor Compressed Air Systems	30
UEPOPS321B	Operate and Monitor Water Treatment Plant	30
UEPOPS322B	Operate and Monitor Alkalinity Reduction Plant	30
UEPOPS323B	Operate and Monitor Reverse Osmosis Plant	30
UEPOPS324B	Operate and Monitor Brine Concentrator Plant	30
UEPOPS325B	Operate and Monitor Water Quality Control Systems	30
UEPOPS326B	Operate and Monitor Oil Systems	30
UEPOPS327B	Monitor and Maintain Civil Assets	30
UEPOPS328B	Undertake Dam Safety Surveillance	30
UEPOPS329B	Operate and Monitor Auxiliary Steam Systems	40
UEPOPS330B	Operate and Monitor Heat Exchangers	40
UEPOPS331B	Operate and Monitor Water Systems (Condensate & Feedwater)	40
UEPOPS332B	Operate and Monitor Condensing and Cooling Water System	40
UEPOPS333B	Operate and Monitor H.R.S.G. Hot Gas Control System	40
UEPOPS334B	Operate and Monitor a Wind Generator	60
UEPOPS335B	Operate A Hydro Generator/Synchronous Condenser / Pump Unit	60
UEPOPS336B	Manage Operate and Monitor a Gas Turbine Unit	60
UEPOPS337B	Maintain Quality Systems within the Team	20
UEPOPS338B	Facilitate Effective Workplace Communications	20
UEPOPS339B	Operate and Monitor a Boiler Unit	60
UEPOPS340B	Operate and Monitor a Steam Turbine	60
UEPOPS343B	Operate Hydro-Electric Generating Plant and Auxiliary Equipment	60
UEPOPS344B	Conduct Water Conveyance and Control	30

UEPOPS345B	Implement Dam Safety Surveillance Procedures	30
UEPOPS346B	Conduct Non-Routine Operational Testing	60
UEPOPS349B	Operate H.V. Primary Switchgear	40
UEPOPS351B	Operate H.V. Condition Changing Apparatus	60
UEPOPS352B	Conduct Operational Checks on In Service Mechanical Plant	40
UEPOPS354B	Operate and Monitor Dual Fuel-Firing Plant	80
UEPOPS355B	Monitor the Implementation of Under Frequency Load Shedding	60
UEPOPS357B	Operate H.V. Secondary Switchgear	40
UEPOPS358A	Monitor and Maintain Wind Farm Civil Assets	40
UEPOPS359A	Monitor Climatic Conditions for Renewable Energy Production	40
UEPOPS360A	Operate and Monitor a Hydro Turbine	60
UEPOPS361A	Operate and Monitor Hydro Plant Auxiliary Systems	60
UEPOPS362A	Operate and Monitor Generator/Alternator	60
UEPOPS368A	Operate manual systems	30
UEPOPS369A	Respond to a critical incident	40
UEPOPS370A	Facilitate the use of contingency plans	60
UEPOPS371A	Carry out operational checks on in-service electrical plant	40

Note:

1. Prerequisite pathways shall be identified and met for all elective units selected.
2. In selecting elective units considerations to career planning advice should be given to units that form part of a prerequisite pathway for the progression to achieve particular competencies or qualification at a higher level.

END OF QUALIFICATION

Custom Content Section

Not applicable.