

Qualification details



UEP40312 - Certificate IV in ESI Generation Maintenance (Mechanical)

Summary

Releases:	Release	Status	Release date
	3	Current	2013/09/07
	2	Replaced	2013/03/14
	1	Replaced	2012/07/25

Usage recommendation: **Superseded**

Mapping:	Mapping	Notes	Date
	Is superseded by and equivalent to UEP40518 - Certificate IV in ESI Generation Maintenance (Mechanical)		2018/10/31

Training packages that include this qualification

Code	Title	Release
UEP12	Electricity Supply Industry - Generation Sector Training Package	2.1

Units of competency

Code	Title	Essential
BSBCUS401B	Coordinate implementation of customer service strategies	N/A
BSBINM401A	IMPLEMENT WORKPLACE INFORMATION SYSTEM	N/A
BSBINN301A	Promote innovation in a team environment	N/A
BSBLED401A	Develop teams and individuals	N/A
BSBMGT402A	Implement operational plan	N/A
BSBMGT403A	Implement continuous improvement	N/A
BSBWOR401A	Establish effective workplace relationships	N/A
BSBWOR402A	Promote team effectiveness	N/A
BSBWOR404B	Develop work priorities	N/A
CPCCCM2007B	Use explosive power tools	Elective
CPCCLDG3001A	Licence to perform dogging	N/A
CPCCLRG3001A	Licence to perform rigging basic level	N/A
CPCCLRG3002A	Licence to perform rigging intermediate level	N/A
CPCCLSF2001A	Licence to erect, alter and dismantle scaffolding basic level	N/A
MEM05004C	Perform routine oxy acetylene welding	N/A
MEM05007C	Perform manual heating and thermal cutting	N/A
MEM05012C	Perform routine manual metal arc welding	N/A
MEM07005C	Perform general machining	N/A
MEM07006C	Perform lathe operations	N/A
MEM07007C	Perform milling operations	N/A

Code	Title	Essential
MEM07008D	Perform grinding operations	N/A
MEM07011B	Perform complex milling operations	N/A
MEM07012B	Perform complex grinding operations	N/A
MEM07021B	Perform complex lathe operations	N/A
MEM09002B	Interpret technical drawing	N/A
MEM09003B	Prepare basic engineering drawing	N/A
MEM09004B	Perform electrical/electronic detail drafting	N/A
MEM09005B	Perform basic engineering detail drafting	N/A
MEM09006B	Perform advanced engineering detail drafting	N/A
MEM12003B	Perform precision mechanical measurement	N/A
MEM12023A	Perform engineering measurements	N/A
MEM12024A	Perform computations	N/A
MEM18001C	Use hand tools	N/A
MEM18002B	Use power tools/hand held operations	N/A
MEM18003C	Use tools for precision work	N/A
MEM18006C	Repair and fit engineering components	N/A
MEM18007B	Maintain and repair mechanical drives and mechanical transmission assemblies	N/A
MEM18009B	Perform levelling and alignment of machines and engineering components	N/A
MEM18010C	Perform equipment condition monitoring and recording	N/A
MEM18018C	Maintain pneumatic system components	N/A
MEM18019B	Maintain pneumatic systems	N/A
MEM18020B	Maintain hydraulic system components	N/A
MEM18021B	Maintain hydraulic systems	N/A
MEM18022B	Maintain fluid power controls	N/A
MEM18055B	Dismantle, replace and assemble engineering components	N/A
RIIHAN309A	Conduct telescopic materials handler operations	N/A
TAEDEL301A	Provide work skill instruction	N/A
TLILIC0012A	Licence to operate a vehicle loading crane (capacity 10 metre tonnes and above)	N/A
TLILIC2001A	Licence to operate a forklift truck	N/A
TLILIC2005A	Licence to operate a boom-type elevating work platform (boom length 11 metres or more)	N/A
TLILIC3006A	Licence to operate a non-slewing mobile crane (greater than 3 tonnes capacity)	N/A
UEENEEE101A	Apply Occupational Health and Safety regulations, codes and practices in the workplace	N/A
UEENEEE117A	Implement and monitor energy sector OHS policies and procedures	N/A
UEPMNT302B	Install and maintain industrial pipework	N/A
UEPMNT303B	Maintain mechanical valves	N/A
UEPMNT304B	Maintain mechanical pumps	N/A
UEPMNT305B	Maintain industrial fans	N/A
UEPMNT307B	Maintain industrial screens, strainers and filters	N/A
UEPMNT308B	Maintain conveyors and associated equipment	N/A
UEPMNT309B	Maintain material feeders	N/A
UEPMNT310B	Maintain material crushers	N/A
UEPMNT311B	Maintain fuel transport equipment	N/A
UEPMNT312B	Maintain industrial pressure vessels	N/A

Code	Title	Essential
UEPMNT313B	Maintain internal combustion engines	N/A
UEPMNT314B	Maintain hydro turbines	N/A
UEPMNT315B	Maintain wind turbines	N/A
UEPMNT317B	Diagnose and repair faults in mechanical equipment	N/A
UEPMNT318B	Conduct generator mechanical maintenance	N/A
UEPMNT320B	Inspect and repair/replace faults in mechanical equipment/components	N/A
UEPMNT339B	Perform sheet metal work	N/A
UEPMNT340B	Fabricate metal structures and components	N/A
UEPMNT367A	Install and commission stationary gas fuelled reciprocating engines	N/A
UEPMNT368A	Repair and maintain stationary gas fuelled reciprocating engines	N/A
UEPMNT401B	Install and maintain complex mechanical seals	N/A
UEPMNT402B	Conduct complex levelling and alignment	N/A
UEPMNT403B	Maintain complex mechanical valves	N/A
UEPMNT404B	Maintain complex mechanical pumps	N/A
UEPMNT406B	Install and maintain a steam turbine	N/A
UEPMNT407B	Install and maintain a gas turbine	N/A
UEPMNT408B	Install hydro turbines	N/A
UEPMNT419B	Perform civil drafting	N/A
UEPMNT421B	Conduct technical inspection of process plant and equipment	N/A
UEPMNT422B	Conduct performance testing on process plant and equipment	N/A
UEPMNT424B	Monitor efficiency of thermal steam cycle power plant	N/A
UEPOPS202B	Apply quality systems to work	N/A
UEPOPS301B	Conduct single energy source isolation procedures for permit to work	N/A
UEPOPS337B	Maintain quality systems within the team	N/A
UEPOPS338B	Facilitate effective workplace communication	N/A
UEPOPS402B	Conduct multiple energy source isolation procedures for permit to work	N/A
UEPOPS417B	Monitor and implement environmental plans and procedures	N/A
UEPOPS430B	Control permit to work operations	N/A
UEPOPS439B	Plan and organise work	N/A

Classifications

Scheme	Code	Name
ANZSCO Identifier	399213	Power Generation Plant Operator
ASCED Qualification/Course Field of Education Identifier	0399	Other Engineering And Related Technologies
ASCO (occupation type) Identifier	3123-13	Electrical Engineering Technician
Qualification/Course Level of Education Identifier	511	Certificate IV
Taxonomy - Industry Sector	N/A	Electricity Generation Maintenance
Taxonomy - Occupation	N/A	Mechanical Operator Technician (Electricity Supply Industry), Mechanical Maintenance Technician (Electricity Supply Industry), Steam Generation / Boilerhouse Senior Operator, Crew/Team Leader (Pulp and Paper)

Classifications history

Scheme	Code	Name	Start date	End date
ANZSCO Identifier	399213	Power Generation Plant Operator	2012/11/01	
ASCO (occupation type) Identifier	3123-13	Electrical Engineering Technician	2012/11/01	
ASCED Qualification/Course Field of Education Identifier	0399	Other Engineering And Related Technologies	2012/11/01	
Qualification/Course Level of Education Identifier	511	Certificate IV	2012/07/25	