

Qualification details



UEG60120 - Advanced Diploma of Gas Supply Industry Operations

Summary

Releases:	Release	Status	Release date
	1	Current	2021/01/25

Usage recommendation: **Deleted**

Mapping:	Mapping	Notes	Date
	Deleted	Deleted from UEG Gas Industry Training Package	2021/04/20
	Supersedes and is equivalent to UEG60118 - Advanced Diploma of Gas Supply Industry Operations		2021/01/25

Training packages that include this qualification

Code	Title	Release
UEG	Gas Industry Training Package	2.0

Units of competency

Code	Title	Essential
BSBHRM523	Coordinate the learning and development of teams and individuals	Elective
BSBINS501	Implement information and knowledge management systems	Elective
BSBINS601	Manage knowledge and information	Elective
BSBLDR522	Manage people performance	Elective
BSBLDR601	Lead and manage organisational change	Elective
BSBOPS502	Manage business operational plans	Elective
BSBOPS505	Manage organisational customer service	Elective
BSBPEF501	Manage personal and professional development	Elective
BSBSTR301	Contribute to continuous improvement	Elective
BSBSTR501	Establish innovative work environments	Elective
BSBSTR502	Facilitate continuous improvement	Elective
BSBTWK502	Manage team effectiveness	Elective
BSBWHS519	Lead the development and use of WHS risk management tools	Elective
BSBWHS521	Ensure a safe workplace for a work area	Elective
BSBWHS522	Manage WHS consultation and participation processes	Elective
BSBWHS603	Implement WHS risk management	Elective
PMAOMIR512	Establish incident response preparedness and response systems	Elective
UEECD0007	Apply work health and safety regulations, codes and practices in the workplace	Elective
UEECD0019	Fabricate, assemble and dismantle utilities industry components	Elective
UEECD0050	Use and maintain the integrity of a portable gas detection device	Elective
UEECD0051	Use drawings, diagrams, schedules, standards, codes and specifications	Elective

Code	Title	Essential
UEGNSG004	Locate, prove and protect utility assets	Elective
UEGNSG005	Prepare to work in the gas industry	Core
UEGNSG006	Use a portable gas detector to locate escape	Elective
UEGNSG106	Coordinate repair of pipeline, facilities and equipment	Elective
UEGNSG108	Operate and monitor pipeline control systems	Elective
UEGNSG109	Control field pipeline operations	Elective
UEGNSG110	Supervise technical operations for gas distribution or transmission	Elective
UEGNSG111	Produce maintenance strategies and plans for a gas facility	Elective
UEGNSG113	Manage a utilities industry WHS management system	Core
UEGNSG114	Coordinate and monitor implementation of a risk management plan for a utilities industry facility	Elective
UEGNSG115	Manage gas systems projects	Elective
UEGNSG116	Manage gas industry physical resources	Elective
UEGNSG117	Plan and implement the data acquisition and metering requirements of a gas system	Elective
UEGNSG118	Select and commission equipment to meet pressure and temperature control specifications	Elective
UEGNSG119	Manage workplace risk in a gas industry facility	Elective
UEGNSG120	Manage gas system environmental compliance	Core
UEGNSG121	Prepare safe design specifications of a gas system	Elective
UEGNSG122	Manage a customer service gas business unit	Elective
UEGNSG123	Manage financial resources in a gas industry facility	Core
UEGNSG131	Compile a gas industry technical report	Elective
UEGNSG132	Carry out basic work activities in a gas industry work environment	Core
UEGNSG133	Comply with environmental policies and procedures in the utilities industry	Core
UEGNSG134	Establish a utilities infrastructure work site	Elective
UEGNSG135	Monitor and control gas odourisation	Elective
UEGNSG136	Carry out transmission pipeline construction work activities	Elective
UEGNSG137	Operate and maintain gas station water bath heaters	Elective
UEGNSG138	Install and commission stationary gas fuelled turbine engines	Elective
UEGNSG139	Repair and maintain stationary gas fuelled turbine engines	Elective
UEGNSG140	Apply environmental policies and procedures in the utilities industry	Elective
UEGNSG141	Apply workplace health and safety regulations, codes and practices in the gas supply industry	Core
UEGNSG142	Conduct isolations under the permit to work system for gas industry work sites	Elective
UEGNSG204	Coordinate and conduct gas distribution pipeline repair and modifications	Elective
UEGNSG207	Coordinate construction, laying and testing of gas distribution pipelines	Elective
UEGNSG210	Supervise and monitor contract staff for work on distribution pipelines	Elective
UEGNSG212	Construct, lay and connect a gas distribution service to a plastic main	Elective
UEGNSG213	Construct, lay and connect a gas distribution service to a steel main	Elective
UEGNSG216	Commission or decommission gas distribution pipelines	Elective
UEGNSG217	Launch and recover PIGs in a gas distribution pipeline	Elective
UEGNSG218	Carry out surveillance on gas distribution assets	Elective
UEGNSG219	Conduct excavations in the utilities industry	Elective
UEGNSG220	Construct and lay polyethylene gas distribution mains	Elective
UEGNSG221	First on site response to gas pipeline emergencies	Elective
UEGNSG222	Construct and lay nylon or PVC gas distribution mains	Elective

Code	Title	Essential
UEGNSG223	Construct and lay steel gas distribution pipelines	Elective
UEGNSG224	Construct and lay copper and stainless steel gas distribution pipelines	Elective
UEGNSG225	Perform routine maintenance on distribution pipeline facilities and equipment	Elective
UEGNSG226	Assist with the construction, laying and connection of gas distribution services to mains	Elective
UEGNSG227	Assist with the construction and laying of gas distribution mains	Elective
UEGNSG228	Construct and lay large copper gas distribution pipelines	Elective
UEGNSG229	Prepare simple drawings of as laid gas mains and services	Elective
UEGNSG305	Coordinate gas transmission pipeline repairs and modifications	Elective
UEGNSG308	Identify, evaluate and control threats to transmission pipelines	Elective
UEGNSG310	Supervise and monitor contract work	Elective
UEGNSG311	Site control of third party works in the vicinity of a transmission pipeline	Elective
UEGNSG314	Liaise with third party and the community to maintain pipeline integrity and community safety	Elective
UEGNSG319	Custody transfer metering and gas quality analysis	Elective
UEGNSG324	Follow company procedures to deal with incidents related to the abuse of drugs and alcohol	Elective
UEGNSG325	Coordinate the operation of relevant plant and equipment for transmission pipeline construction	Elective
UEGNSG326	Coordinate and monitor staff and contractors	Elective
UEGNSG327	Coordinate transmission pipeline construction operations	Elective
UEGNSG330	Coat metallic pipelines	Elective
UEGNSG331	Establish right of way access for transmission pipeline construction	Elective
UEGNSG332	Undertake hydro-testing for transmission pipeline construction	Elective
UEGNSG333	Work in proximity of transmission pipeline construction plant and equipment	Elective
UEGNSG342	Maintain pipeline easements	Elective
UEGNSG344	Commission or decommission gas transmission pipelines	Elective
UEGNSG346	Launch and recover PIGs in gas transmission pipelines	Elective
UEGNSG347	Perform routine maintenance on transmission pipeline facilities and equipment	Elective
UEGNSG348	Supervise the operation of plant and equipment for the construction of gas transmission pipelines	Elective
UEGNSG349	Carry out surveillance of gas transmission pipelines	Elective
UEGNSG350	First response to a gas facility event	Elective
UEGNSG352	Check and report on gas station conditions	Elective
UEGNSG353	Carry out aerial surveillance of gas transmission pipelines	Elective
UEGNSG354	Control excavations in the vicinity of gas transmission pipelines	Elective
UEGNSG355	Monitor and report on cathodic protection systems	Elective
UEGNSG356	Monitor and operate flow control, pressure measuring and regulating devices for gas transmission	Elective
UEGNSG411	Maintain cathodic protection systems	Elective
UEGNSG412	Install cathodic protection systems	Elective
UEGNSG501	Communicate with gas industry stakeholders to meet operational requirements	Elective
UEGNSG502	Implement emergency and critical incident response for gas infrastructure incidents	Elective
UEGNSG503	Monitor and control field activities	Elective
UEGNSG504	Monitor and control gas infrastructure using Control Centre systems	Elective
UEGNSG505	Operate and monitor gas infrastructure to meet nominated demand	Elective

Code	Title	Essential
UEGNSG506	Respond to gas infrastructure emergencies	Elective
UEGNSG507	Remotely monitor and operate gas transmission flow and pressure measuring and regulating devices	Elective
UEGNSG508	Remotely check and report on gas station conditions	Elective
UEGNSG611	Control LPG storage/processing operations	Elective
UEGNSG612	Supervise technical operations for liquefied petroleum gas storage and processing	Elective
UEGNSG614	Load, unload, exchange and connect LPG cylinders	Elective
UEGNSG615	Fill LPG cylinders	Elective
UEGNSG616	Refurbish gas cylinders	Elective
UEGNSG617	Monitor and control the transfer of bulk LPG	Elective
UEGNSG618	Process liquefied petroleum gas (LPG)	Elective
UEGNSG619	Perform scheduled maintenance on gas processing or storage facilities and equipment	Elective
UEGNSG620	Organise the repair of faults in LPG processing or storage facilities and equipment	Elective
UEGNSG621	Control bulk storage of LPG	Elective
UEGNSG622	Assess the operational capability of gas safety equipment on a delivery vehicle	Elective
UEGNSG705	Disconnect and reconnect small capacity gas meters	Elective
UEGNSG706	Test new residential and small commercial gas installations	Elective
UEGNSG708	Pressure test residential and small commercial gas installations	Elective
UEGNSG711	Process meter reading information using appropriate technology	Elective
UEGNSG712	Read and record meter readings	Elective
UEGNSG713	Investigate billing exceptions-conditions	Elective
UEGNSG714	Relight Type A gas appliances	Elective
UEGNSG804	Maintain single stage and single run gas flow and pressure control and measuring devices	Elective
UEGNSG805	Maintain multi-stage and multi-run gas flow and pressure measuring and regulating devices	Elective
UEGNSG806	Maintain SCADA controlled flow and pressure equipment and electronic gas measurement equipment	Elective
UEGNSG807	Install gas flow, measuring and pressure regulating devices	Elective
UEGNSG811	Monitor and operate complex flow control, measuring and regulating devices for gas distribution	Elective
UEPMNT367	Install and commission stationary gas fuelled reciprocating engines	Elective
UEPMNT368	Repair and maintain stationary gas fuelled reciprocating engines	Elective
UEPOPS203	Operate and monitor communications system	Elective
UEPOPS205	Conduct minor mechanical maintenance	Elective
UEPOPS317	Operate and monitor fixed fire protection systems	Elective
UEPOPS336	Manage, operate and monitor a gas turbine unit	Elective
UEPOPS347	Operate and monitor supervisory, control and data acquisition systems	Elective
UETTDREL14	Working safely near live electrical apparatus as a non-electrical worker	Elective

Classifications

Scheme	Code	Name
ANZSCO Identifier	312900	Other Building And Engineering Technicians
ASCED Qualification/Course Field of Education Identifier	0303	Process And Resources Engineering
Qualification/Course Level of Education Identifier	411	Advanced Diploma
Taxonomy - Industry Sector	N/A	Gas Industry

Scheme	Code	Name
Taxonomy - Occupation	N/A	Gas Senior Technical Officer

Classifications history

Scheme	Code	Name	Start date	End date
ANZSCO Identifier	312900	Other Building And Engineering Technicians	2021/01/25	
ASCED Qualification/Course Field of Education Identifier	0303	Process And Resources Engineering	2021/01/25	
Qualification/Course Level of Education Identifier	411	Advanced Diploma	2021/01/25	