



**Australian Government**

# **UEG60211 Advanced Diploma of Gas Supply Industry Operations**

**Release 2**

# UEG60211 Advanced Diploma of Gas Supply Industry Operations

## Modification History

Release	Action	Core/Elective	Details	Points
2	Update	Group A	BSBWHS501A Ensure a Safe Workplace	60
2	Update	Group A	UEENEEE117A Implement and monitor energy sector OHS policies and procedures	20
2	Update	Group A	UETTDREL15A Respond to power systems technical enquiries and requests	60

## Description

### Scope

This qualification provides competencies to design and manage Gas Supply Industry activities and projects

## 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, defined in the Core Competency Standard Units table below and
- A combination of Elective competency standard units to achieve a total weighting of 1700 points in accordance with the Elective Competency Standard Units table below.

<b>Core Competency Standard Units</b>		<b>Weighting Points</b>
All Core competency standard units to be achieved		
UEGNSG102B	Carry out work activities in a utilities industry work environment	60
UEGNSG104B	Comply with environmental policies and procedures	20
UEGNSG105B	Establish the work site	60
UEGNSG309B	First on site emergency response	40
UEEENEEE101A	Apply Occupational Health and Safety regulations, codes and practices in the workplace	20
UEGNSG113B	Manage a utilities industry OHS management system	80
UEGNSG120B	Manage gas system environmental compliance	60
UEGNSG123B	Manage financial resources in Gas Industry facility	120
<b>Total points in core</b>		<b>460</b>

### Elective Competency Standard Units

Complete Elective units to achieve a total of weighting of 1700 points from the following groups:

<b>Group</b>	<b>Minimum points</b>	<b>Maximum points</b>

<b>A</b>	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 5. If units have not being assigned a weighting by the relevant EE-Oz Industry Technical Advisory Committee, their weighting will be 10 points	0	360
<b>B</b>	Qualification Electives	0	640
<b>C</b>	Qualification Electives	260	340
<b>D</b>	Qualification Electives	180	340
<b>E</b>	Qualification Electives	440	540

<b>Group A – Imported and Common Elective Units</b>		<b>Weighting Points</b>
Complete units to a maximum weighting of 360		
BSBCUS501C	Manage quality customer service	40
BSBFLM309C	Support continuous improvement systems and processes	40
BSBINM501A	Manage an information or knowledge management system	50
BSBINN502A	Build and sustain an innovative work environment	50
BSBLED501A	Develop a workplace learning environment	60
BSBMGT502B	Manage people performance	70
BSBMGT515A	Manage operational plan	60
BSBMGT516C	Facilitate continuous improvement	60
BSBWHS501A	Ensure a Safe Workplace	60
BSBWOR501B	Manage personal work priorities and professional development	60
BSBWOR502B	Ensure team effectiveness	60
UETTDREL15A	Respond to power systems technical enquiries and requests	60

UEENEEE117A	Implement and monitor energy sector OHS policies and procedures	20
UEENEEM020A	Attend to breakdowns in hazardous areas — gas atmospheres	20
UEENEEM076A	Use and maintain the integrity of a portable gas detection device	20
UEENEEM080A	Report on the integrity of explosion-protected equipment in a hazardous area	20
	<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 6. 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, UEG11 Gas Industry Training Package, Version 1, Volume 1 Qualification Framework</p>	<b>Up to 360 points</b>

<b>Group B – Qualification Electives</b>		<b>Weighting Points</b>
Complete units to a maximum weighting of 640		
UEGNSG107B	Control gas odourisation	110
UEGNSG125A	Carry out transmission pipeline construction work activities	40
UEGNSG215A	Conduct excavations in the gas industry	40
UEGNSG202B	Construct and lay distribution pipelines	80
UEGNSG203B	Commission and decommission gas distribution pipelines	100
UEGNSG205B	Launch and recover PIG in a gas distribution pipeline	100
UEGNSG206B	Perform routine maintenance on distribution pipeline facilities and equipment	110
UEGNSG208B	Gas distribution pipeline surveillance	110
UEGNSG320A	Establish right of way access for transmission pipeline construction	30
UEGNSG329A	Gas transmission pipeline surveillance	110
UEGNSG304B	Commission/decommission gas transmission pipelines	100
UEGNSG306B	Pipeline pigging in gas transmission pipeline	40
UEGNSG307B	Perform routine maintenance on transmission pipeline facilities and equipment	110
UEGNSG328A	Supervise the operation of plant and equipment for the construction of transmission pipelines	60
UEGNSG401B	Maintain cathodic protection systems	110
UEGNSG402B	Install cathodic protection systems	110
UEGNSG606B	Monitor and control the transfer of LPG	100
UEGNSG607B	Process LPG	100
UEGNSG608B	Perform minor maintenance on gas processing/storage facilities and equipment	110

<b>Group B – Qualification Electives</b>		<b>Weighting Points</b>
Complete units to a maximum weighting of 640		
UEGNSG610B	Control storage of LPG in terminal	110
UEGNSG703B	Investigate billing exceptions/conditions	110
UEGNSG801B	Monitor and operate flow control, measuring and regulating devices for gas pressure control	110

<b>Group C – Qualification Electives</b>		<b>Weighting Points</b>
Complete units to at least 260 points, with a maximum weighting of 340 points		
UEGNSG106B	Coordinate repair of pipeline, facilities and equipment	110
UEGNSG108B	Operate and monitor pipeline control systems	60
UEGNSG109B	Control field pipeline operations	60
UEGNSG110B	Supervise technical operations for gas distribution/transmission	60
UEGNSG111B	Produce maintenance strategies and plans for gas facility	80
UEGNSG112B	Conduct isolation procedures for permit to work system for gas industry work site	80
UEGNSG131A	Compile a gas industry technical rep	20
UEGNSG204B	Coordinate gas distribution pipeline repair and modifications	110
UEGNSG207B	Coordinate construction, laying and testing of gas distribution pipelines	110
UEGNSG210B	Supervise and monitor contract staff for work on distribution pipelines	120
UEGNSG305B	Coordinate gas transmission pipeline repair and modifications	110
UEGNSG308B	Identify, evaluate and control threats to transmission pipelines	40
UEGNSG310B	Supervise and monitor contract staff	60

UEGNSG311B	Site control of third party works in the vicinity of a transmission pipeline	40
UEGNSG312B	First response to a facility event	60
UEGNSG313B	Check and report on station conditions	40
UEGNSG314B	Liaise with third party and the community to maintain pipeline integrity and community safety	40
UEGNSG315B	Aerial transmission pipeline surveillance	40
UEGNSG316B	Site control of excavations in the vicinity of a transmission pipeline	60
UEGNSG317B	Monitor and report on cathodic protection systems	40
UEGNSG318B	Monitor and operate flow control, pressure, measuring and regulating devices for gas transmission	100
UEGNSG319B	Custody transfer metering and gas quality analysis	80
UEGNSG324A	Follow procedures to deal with incidents related to the abuse of drugs and alcohol	60
UEGNSG325A	Coordinate the operation of relevant plant and equipment for transmission pipeline construction	80
UEGNSG326A	Coordinate and monitor staff and contractors	60
UEGNSG327A	Coordinate transmission pipeline construction operations	60
UEGNSG501B	Operate gas infrastructure to meet nominated demand	60
UEGNSG502B	Control centre communication with gas industry stakeholders	60
UEGNSG504B	Monitoring and controlling field activities	60
UEGNSG505B	Use control centre systems to monitor and control gas infrastructure	60
UEGNSG609B	Coordinate repair of faults in gas processing/storage facilities and equipment	110
UEGNSG611B	Control LPG storage/processing operations	110
UEGNSG612B	Supervise technical operations for liquefied petroleum gas storage and processing	120



<b>Group D – Qualification Electives</b>		<b>Weighting Points</b>
Complete units to at least 180 points, with a maximum weighting of 340 points		
UEGNSG503B	Manage emergencies and critical incidents for gas infrastructure	80
UEGNSG114B	Coordinate and monitor implementation of a risk management plan for a utilities industry facility	100
UEGNSG115B	Manage gas systems projects	80
UEGNSG116B	Manage Gas Industry physical resources	80

<b>Group E – Qualification Electives</b>		<b>Weighting Points</b>
Complete units to at least 440 points, with a maximum weighting of 540 points		
UEGNSG117B	Plan and implement the data acquisition and metering requirements of a gas system	120
UEGNSG118B	Select and commission equipment to meet pressure and temperature control specifications	120
UEGNSG119B	Manage workplace risk in a Gas Industry facility	60
UEGNSG121B	Prepare safe design specifications of a gas system	120
UEGNSG122B	Manage a customer service gas business unit	120

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.