

**GAS INDUSTRY
TRAINING PACKAGE
PURCHASING GUIDE**

UEG06

Western Australian Department of Education and Training

May 2007

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Foreword

This Purchasing Guide has been generated to enable the stakeholders in the Gas Industry in Western Australia to participate in the managed implementation of the National Gas Industry Training Package UEG06.

The Guide has been developed with cooperation from WA Industry, Registered Training Organisations (RTOs) delivering furnishing qualifications and key stakeholders in industry sectors where publicly funded training has not been apparent in the past. To achieve maximum advantage from the Guide, its implementation should occur in a planned manner.

Information within this Guide should provide guidance on how competency standards may be selected and applied to achieve suitable outcomes and qualifications, for and within an industry.

The Gas Industry Training Package UEG06 was endorsed by Ministers for vocational education and training in May 2006.

Introduction

This Guide provides information that will facilitate the implementation of the Gas Industry Training Package UEG06 in Western Australia. This Guide is designed to aid Registered Training Organisations (RTOs) to transition to the new Training Package qualifications within the scope of their training delivery.

The Guide should be read in conjunction with the **endorsed components** of the Gas Industry Training Package UEG06.

The Guide provides information on:

- Transition arrangements
- Licensing requirements
- Assessment
- Funding
- A mapping of current publicly funded courses to Training Package qualifications
- An allocation of nominal hours to units of competency and total hours for qualifications
- A mapping of existing modules to units of competency where the correlation is appropriate
- A mapping of current Traineeship and Apprenticeship courses to new qualifications
- A set of appropriate sample, or model, training programs at each AQF level

Obtaining the Training Package

The Gas Industry Training Package RII06 can be purchased from:

Australian Training Products

Level 25, 150 Lonsdale Street
Melbourne Victoria 3000

Telephone: (03) 9655 0600

Facsimile: (03) 9639 4684

Email: sales@atpl.net.au

URL: <http://www.atpl.net.au>

or

Electrocomms and Energy Industry Skills Council

Unit 6-7, 2 Bradfield St
Downer, Australian Capital Territory
2602

Telephone: (02) 6241 2155

Facsimile: (02) 6241 2177

Email: ee-oz@ee-oz.com.au

URL: <http://www.ee-oz.com.au>

Information on National Training Packages is also available through the National Training Information Service (NTIS), which can be located on the Internet at:
www.ntis.gov.au

All RTOs who have Training Package qualifications on their Scope of Delivery must obtain a copy of the relevant Training Package.

Transition Arrangements

Registered Training Organisations (RTOs) are required to deliver Training Package qualifications within 12 months of endorsement of the Training Package by the National Quality Council (NQC). A current accredited course, however, may be used until its accreditation expires.

A RTO with the scope of registration authorising delivery of existing accredited courses in a defined industry area will be deemed to have the resources and facilities to deliver the new qualification/s in that industry area.

An Amendment to Scope will be necessary where the industry area is not within scope. The Training Accreditation Council (TAC) will need to be advised of any new qualifications from the Training Package being delivered.

Existing Courses

Existing Western Australian owned courses affected by the introduction of the new qualifications will be retired as soon as practicable. New enrolments in 2007 should therefore be directed into Training Package qualifications.

Transition to New Qualifications

Students currently enrolled in a course in Gas Industry qualifications should be permitted to complete the program they enrolled in initially, unless the move to the related qualification from a Training Package can be made without disadvantage to a student.

Funding

Some learners may only achieve a Statement of Attainment during their enrolment period with the RTO. Separate funding is not provided to assess the learner who has left his/her studies and then, at a later date, wants to complete an integrated assessment to achieve a certificate qualification. The RTO will be required to make special arrangements to issue the final qualification. This process may involve an invitation to the employer (if applicable) to participate in the assessment in the workplace.

Nominal Duration of Qualifications

The maximum nominal hours are identified for each Training Package qualification. Nominal hours may vary within a qualification depending on the units of competency selected and the delivery strategies used; however, training delivery will not be funded beyond the maximum nominal hours indicated. Nominal hours are for structured training only and include both delivery and assessment.

Definition of nominal hours (supervised)

The hours of supervised learning or training deemed necessary to cover the educational material in a training program when undertaken in standard classroom delivery mode. (*Source: A Glossary of Australian Vocational Education and Training Terms*).

Licensing Requirements

There may be licensing requirements associated with the qualifications and units of competency in the Gas Industry Training Package UEG06.

Please contact the Western Australian Licensing body:

Energy Safety
Gas Directorate
303 Sevenoaks Street
CANNINGTON WA 6107
<http://www.energysafety.wa.gov.au>

Phone: (08) 9422 5282
Facsimile: (08) 9422 5222
Email: energylicensing@docep.wa.gov.au

Assessment Guidelines

Assessment Guidelines are one of the endorsed components of the Gas Industry Training Package UEG06.

Learning Resources and Assessment Materials

Learning resources and/or assessment materials make up the non-endorsed components of the Training Package.

A number of assessment related resources are available from:

- The VET Teaching and Learning Branch of the Department of Education and Training;
- Australian Training Products;
- WestOne Services

Trainers should consider the use of existing resources and/or resources sourced from a third party carefully, as some may need to be modified to suit the learning and assessment strategy developed by the RTO. In particular, resources previously used for training and assessment against accredited modules may not be suitable for the Units of competency without modification.

For further details contact either ***Australian Training Products*** or ***Electrocomms and Energy Industry Skills Council***. Contact details appear on [Obtaining The Training Package](#) of this Guide.

Qualifications and Nominal Hours

The following table provides a summary of the qualifications and nominal hours in the UEG06 Training Package Gas Industry Training Package

National ID	Training Package Qualification Title	Maximum Nominal Hours
UEG10106	Certificate I in Utilities Industry Operations	110
UEG20106	Certificate II in Utilities Industry Operations	220
UEG30106	Certificate III in Gas Industry Operations	540
UEG40106	Certificate IV in Gas Industry Operations	430
UEG40206	Certificate IV in Gas Industry Transmission Pipeline	520
UEG50106	Diploma of Gas Industry Operations	670
UEG60106	Advanced Diploma of Gas Industry Operations	1160

Units of Competency, Nominal Hours and Points

The following table provides a summary of the units of competency and nominal hours in the industry Gas Industry Training Package Training Package UEG06

National ID	Training Package Unit Title	Nominal Hours	Points
UEGNSG001A	Working safely near gas pipelines and other gas infrastructure	40	-
UEGNSG101A	Use equipment and tools to perform work in a utilities industry work environment	30	-
UEGNSG102A	Carry out work activities in a utilities industry work environment	60	-
UEGNSG103A	Comply with workplace OHS procedures and practices	40	-
UEGNSG104A	Comply with environmental policies and procedures	40	-
UEGNSG105A	Establish the work site	40	-
UEGNSG106A	Coordinate repair of pipeline, facilities and equipment	40	90
UEGNSG107A	Control gas odourisation	40	90
UEGNSG108A	Operate and monitor pipelines control systems	60	120
UEGNSG109A	Control pipeline operations	60	120
UEGNSG110A	Supervise technical operations for gas distribution/transmission	60	120
UEGNSG111A	Produce maintenance strategies and plans for a gas facility	80	120
UEGNSG112A	Conduct isolation procedures for permit to work system for a Gas Industry work site	80	110
UEGNSG113A	Manage a utilities industry OHS management system	80	-
UEGNSG114A	Coordinate and monitor implementation of risk management plan for a utilities industry facility	100	160
UEGNSG115A	Manage gas systems projects	80	-
UEGNSG116A	Manage Gas Industry physical resources	80	-
UEGNSG117A	Plan and implement the data acquisition and metering requirements of a gas system	120	-
UEGNSG118A	Select and commission equipment to meet pressure and temperature control specifications	120	-
UEGNSG119A	Manage workplace risk in a Gas Industry facility	60	-
UEGNSG120A	Manage gas system environmental compliance	60	-
UEGNSG121A	Prepare safe design specifications of a gas system	120	-
UEGNSG122A	Manage a customer service gas business unit	120	-
UEGNSG123A	Manage financial resources in Gas Industry facility	120	-
UEGNSG124A	Install and maintain process control systems - extra low voltage	80	130
UEGNSG201A	Excavate for underground utilities services operating plant and equipment	40	30
UEGNSG202A	Construct and lay distribution pipelines	40	30
UEGNSG203A	Commission and decommission gas distribution pipelines	60	80
UEGNSG204A	Coordinate gas distribution pipeline repair and modifications	60	90
UEGNSG205A	Launch and recover PIG in a gas distribution pipeline	20	80
UEGNSG206A	Perform routine maintenance on distribution pipeline facilities and equipment	40	90
UEGNSG207A	Coordinate construction, laying and testing of gas distribution pipelines	40	90
UEGNSG208A	Gas distribution pipeline surveillance	60	90
UEGNSG209A	First on site emergency response on a distribution pipeline	60	110
UEGNSG210A	Supervise and monitor contract staff for work on distribution pipelines	60	110
UEGNSG211A	Lay underground electrical supply cables	45	30
UEGNSG301A	Coat gas pipelines	40	80
UEGNSG302A	Maintain pipeline easements	80	30

National ID	Training Package Unit Title	Nominal Hours	Points
UEGNSG303A	Ground transmission pipeline surveillance	100	90
UEGNSG304A	Commission and decommission transmission pipelines	120	80
UEGNSG305A	Coordinate gas transmission pipeline repair and modifications	80	90
UEGNSG306A	Pipeline pigging in gas transmission pipelines	40	80
UEGNSG307A	Perform routine maintenance on transmission pipeline facilities and equipment	60	90
UEGNSG308A	Identify, evaluate and control threats to transmission pipelines	40	-
UEGNSG309A	First on site emergency response	40	-
UEGNSG310A	Supervise and monitor contract staff	60	-
UEGNSG311A	Site control of third party works in the vicinity of a transmission pipeline	40	-
UEGNSG312A	First response to a facility event	60	80
UEGNSG313A	Check and report on station conditions	40	40
UEGNSG314A	Liaise with third party and the community to maintain pipeline integrity and community safety	40	90
UEGNSG315A	Aerial transmission pipeline surveillance	40	40
UEGNSG316A	Site control of excavations in the vicinity of a transmission pipeline	60	80
UEGNSG317A	Monitor and report on cathodic protection systems	40	40
UEGNSG318A	Monitor and operate flow control, pressure, measuring and regulating devices for gas transmission	60	90
UEGNSG319A	Custody transfer metering and gas quality analysis	80	120
UEGNSG401A	Maintain cathodic protection systems	80	90
UEGNSG402A	Install cathodic protection systems	80	90
UEGNSG501A	Operate gas infrastructure to meet nominated demand	80	120
UEGNSG502A	Control centre communication with Gas Industry stakeholders	80	110
UEGNSG503A	Manage emergencies and critical incidents for gas infrastructure	80	120
UEGNSG504A	Monitoring and controlling field activities	80	130
UEGNSG505A	Use control centre systems to monitor and control gas infrastructure	80	110
UEGNSG601A	Assess the operational capability of gas safety equipment on tankers	20	30
UEGNSG602A	Load, discharging LPG by road tanker	20	30
UEGNSG603A	Load, unload and exchange gas cylinders	20	30
UEGNSG604A	Fill gas cylinders	20	30
UEGNSG605A	Refurbish gas cylinders	40	30
UEGNSG606A	Monitor and control transfer of LPG	40	80
UEGNSG607A	Process LPG	20	80
UEGNSG608A	Perform minor maintenance on gas processing/storage facilities and equipment	40	90
UEGNSG609A	Coordinate repair of faults in gas processing/storage facilities and equipment	40	90
UEGNSG610A	Control storage of LPG in terminal	40	90
UEGNSG611A	Control LPG storage/processing operations	80	110
UEGNSG612A	Supervise technical operations for liquefied petroleum gas storage and processing	80	120
UEGNSG701A	Process meter reading information using appropriate technology	45	30
UEGNSG702A	Read and record meter readings	20	30
UEGNSG703A	Investigate billing exceptions/conditions	40	90
UEGNSG801A	Monitor and operate complex flow control, measuring and regulating devices for gas pressure control	60	90
UEGNSG802A	Install complex flow control, measuring and regulating devices for gas pressure control	100	90

Qualifications which are replaced by qualifications from the Gas Industry Training Package UEG06

The following table provides an overview of the qualifications from the Gas Industry Training Package - UEG06 which replace qualifications from the Gas Industry - UTG98

Accredited Course/Existing Training Package UTG98			Revised Training Package UEG06		
Current Qualification			Replacement Qualification		
National ID	Qualification Title	Hours	National ID	Qualification Title	Hours
No Previous Equivalent			UEG10106	Certificate I in Utilities Industry Operations	110
UTG20198	Certificate II in Gas Operations	220	UEG20106	Certificate II in Utilities Industry Operations	220
UTG30198	Certificate III in Gas Operations	540	UEG30106	Certificate III in Gas Industry Operations	540
UTG40198	Certificate IV in Gas Operations	0	UEG40106	Certificate IV in Gas Industry Operations	430
No Previous Equivalent			UEG40206	Certificate IV in Gas Industry Transmission Pipeline	520
UTG50101	Diploma of Gas Industry Operations	0	UEG50106	Diploma of Gas Industry Operations	670
UTG60101	Advanced Diploma of Gas Systems	0	UEG60106	Advanced Diploma of Gas Industry Operations	1160

Units of Competency which are replaced by Units of Competency from the Gas Industry Training Package - UEG06

The following table provides an overview of the units of competency from the Gas Industry - UTG98 which are replaced by the units of competency from the Gas Industry Training Package - UEG06¹

Gas Industry Training Package UTG98			Gas Industry Training Package Training Package UEG06		
National ID	Units of Competency Title	Hours	National ID	Units of Competency Title	Hours
New Unit			UEGNSG001A	Working safely near gas pipelines and other gas infrastructure	40
New Unit			UEGNSG101A	Use equipment and tools to perform work in a utilities industry work environment	30
New Unit			UEGNSG102A	Carry out work activities in a utilities industry work environment	60
UTGNGS001A	Apply procedures in the workplace	40	UEGNSG103A	Comply with workplace OHS procedures and practices	40
UTGNGS002A	Work with others	40			
UTGNGS003A	Plan and organise work activities	40			
UTGNGS001A	Apply procedures in the workplace	40	UEGNSG104A	Comply with environmental policies and procedures	40
UTGNGS002A	Work with others	40			
UTGNGS003A	Plan and organise work activities	40			
UTGNGS001A	Apply procedures in the workplace	40	UEGNSG105A	Establish the work site	40
UTGNGS002A	Work with others	40			
UTGNGS003A	Plan and organise work activities	40			
UTGNGS312B	Co-ordinate Repair of Pipeline, Facilities and Equipment	40	UEGNSG106A	Coordinate repair of pipeline, facilities and equipment	40
UTGNGS313B	Control Gas Odourisation	40	UEGNSG107A	Control gas odourisation	40
UTGNGS311A	Operate and monitor pipeline control systems	0	UEGNSG108A	Operate and monitor pipelines control systems	60
UTGNGS314A	Control pipeline operations	0	UEGNSG109A	Control pipeline operations	60
UTGNGS319A	Supervise technical operations for gas distribution/ transmission	0	UEGNSG110A	Supervise technical operations for gas distribution/transmission	60
New Unit			UEGNSG111A	Produce maintenance strategies and plans for a gas facility	80

¹ The alignment of the Units of Competency listed does not necessarily mean that the Units of Competency are equivalent and may have partial equivalence. For further advice, please see *Table 1 – Mapping Units of Standard Competency to former Training Package and Prerequisites* in the Gas Industry Training Package UEG06.

Gas Industry Training Package UTG98			Gas Industry Training Package Training Package UEG06		
National ID	Units of Competency Title	Hours	National ID	Units of Competency Title	Hours
	New Unit		UEGNSG112A	Conduct isolation procedures for permit to work system for a Gas Industry work site	80
	New Unit		UEGNSG113A	Manage a utilities industry OHS management system	80
UTGNGS321A	Coordinate and monitor implementation of risk management plan	0	UEGNSG114A	Coordinate and monitor implementation of risk management plan for a utilities industry facility	100
UTGNGS606A	Manage gas systems projects	0	UEGNSG115A	Manage gas systems projects	80
UTGNGS609A	Manage physical resources	0	UEGNSG116A	Manage Gas Industry physical resources	80
UTGNGS601A	Plan and implement the data acquisition and metering requirements of a gas system	0	UEGNSG117A	Plan and implement the data acquisition and metering requirements of a gas system	120
UTGNGS602A	Select and commission equipment to meet Pressure and Temperature control specifications	0	UEGNSG118A	Select and commission equipment to meet pressure and temperature control specifications	120
UTGNGS603A	Manage Workplace Risk	0	UEGNSG119A	Manage workplace risk in a Gas Industry facility	60
UTGNGS604A	Manage gas system environmental compliance	0	UEGNSG120A	Manage gas system environmental compliance	60
UTGNGS605A	Prepare design specifications for a gas system	0	UEGNSG121A	Prepare safe design specifications of a gas system	120
UTGNGS607A	Manage a customer service gas business unit	0	UEGNSG122A	Manage a customer service gas business unit	120
UTGNGS608A	Manage financial resources	0	UEGNSG123A	Manage financial resources in Gas Industry facility	120
	New Unit		UEGNSG124A	Install and maintain process control systems - extra low voltage	80
UTGNGS302A	Prepare, Excavate and Reinststate Site	40	UEGNSG201A	Excavate for underground utilities services operating plant and equipment	40
UTGNGS318A	Use and Maintain Small Plant, Equipment and Tools and Carry-out Minor Mechanical Maintenance	40			
UTGNGS317B	Use Plans, Drawings and Specifications	40			
UTGNGS302A	Prepare, Excavate and Reinststate Site	40	UEGNSG202A	Construct and lay distribution pipelines	40
UTGNGS318A	Use and Maintain Small Plant, Equipment and Tools and Carry-out Minor Mechanical Maintenance	40			
UTGNGS317B	Use Plans, Drawings and Specifications	40			
UTGNGS303B	Commission/decommission Pipelines	60	UEGNSG203A	Commission and decommission gas distribution pipelines	60

Gas Industry Training Package UTG98			Gas Industry Training Package Training Package UEG06		
National ID	Units of Competency Title	Hours	National ID	Units of Competency Title	Hours
UTGNGS306B	Co-ordinate Pipeline Repair and Modifications	60	UEGNSG204A	Coordinate gas distribution pipeline repair and modifications	60
UTGNGS307B	Launch and recover (PIG)	20	UEGNSG205A	Launch and recover PIG in a gas distribution pipeline	20
UTGNGS310B	Perform Routine Maintenance of Pipeline, Facilities and Equipment	40	UEGNSG206A	Perform routine maintenance on distribution pipeline facilities and equipment	40
UTGNGS316B	Co-ordinate Construction, Laying and Testing of Gas Distribution Pipelines	40	UEGNSG207A	Coordinate construction, laying and testing of gas distribution pipelines	40
New Unit			UEGNSG208A	Gas distribution pipeline surveillance	60
New Unit			UEGNSG209A	First on site emergency response on a distribution pipeline	60
New Unit			UEGNSG210A	Supervise and monitor contract staff for work on distribution pipelines	60
New Unit			UEGNSG211A	Lay underground electrical supply cables	45
UTGNGS304A	Coat pipelines	40	UEGNSG301A	Coat gas pipelines	40
UTGNGS305A	Maintain Pipeline Easement	80	UEGNSG302A	Maintain pipeline easements	80
New Unit			UEGNSG303A	Ground transmission pipeline surveillance	100
New Unit			UEGNSG304A	Commission and decommission transmission pipelines	120
New Unit			UEGNSG305A	Coordinate gas transmission pipeline repair and modifications	80
New Unit			UEGNSG306A	Pipeline pigging in gas transmission pipelines	40
New Unit			UEGNSG307A	Perform routine maintenance on transmission pipeline facilities and equipment	60
New Unit			UEGNSG308A	Identify, evaluate and control threats to transmission pipelines	40
New Unit			UEGNSG309A	First on site emergency response	40
New Unit			UEGNSG310A	Supervise and monitor contract staff	60
New Unit			UEGNSG311A	Site control of third party works in the vicinity of a transmission pipeline	40
New Unit			UEGNSG312A	First response to a facility event	60
New Unit			UEGNSG313A	Check and report on station conditions	40
New Unit			UEGNSG314A	Liaise with third party and the community to maintain pipeline integrity and community safety	40
New Unit			UEGNSG315A	Aerial transmission pipeline surveillance	40

Gas Industry Training Package UTG98			Gas Industry Training Package Training Package UEG06		
National ID	Units of Competency Title	Hours	National ID	Units of Competency Title	Hours
	New Unit		UEGNSG316A	Site control of excavations in the vicinity of a transmission pipeline	60
	New Unit		UEGNSG317A	Monitor and report on cathodic protection systems	40
	New Unit		UEGNSG318A	Monitor and operate flow control, pressure, measuring and regulating devices for gas transmission	60
	New Unit		UEGNSG319A	Custody transfer metering and gas quality analysis	80
UTGNGS308A	Maintain cathodic protection systems	0	UEGNSG401A	Maintain cathodic protection systems	80
UTGNGS309B	Install Cathodic Protection Systems	80	UEGNSG402A	Install cathodic protection systems	80
	New Unit		UEGNSG501A	Operate gas infrastructure to meet nominated demand	80
	New Unit		UEGNSG502A	Control centre communication with Gas Industry stakeholders	80
	New Unit		UEGNSG503A	Manage emergencies and critical incidents for gas infrastructure	80
	New Unit		UEGNSG504A	Monitoring and controlling field activities	80
	New Unit		UEGNSG505A	Use control centre systems to monitor and control gas infrastructure	80
UTGNGS201A	Assess Operational Capability of Gas and Safety Equipment On Tankers	20	UEGNSG601A	Assess the operational capability of gas safety equipment on tankers	20
UTGNGS202A	Load, Discharge Lpg By Road Tanker	20	UEGNSG602A	Load, discharging LPG by road tanker	20
UTGNGS203A	Load, unload and exchange gas cylinders	20	UEGNSG603A	Load, unload and exchange gas cylinders	20
UTGNGS204A	Fill gas cylinders	20	UEGNSG604A	Fill gas cylinders	20
UTGNGS205A	Refurbish gas cylinders	40	UEGNSG605A	Refurbish gas cylinders	40
UTGNGS206B	Monitor and Control Transfer of Lpg	40	UEGNSG606A	Monitor and control transfer of LPG	40
UTGNGS207B	Process LPG	20	UEGNSG607A	Process LPG	20
UTGNGS208B	Perform Minor Maintenance On Gas Processing/storage Facilities and Equipment	40	UEGNSG608A	Perform minor maintenance on gas processing/storage facilities and equipment	40
UTGNGS209B	Co-ordinate Repair of Faults in Gas Processing/storage Facilities and Equipment	40	UEGNSG609A	Coordinate repair of faults in gas processing/storage facilities and equipment	40
UTGNGS210B	Control Storage of Lpg in Terminal	40	UEGNSG610A	Control storage of LPG in terminal	40
UTGNGS211A	Control LPG storage/processing operations	0	UEGNSG611A	Control LPG storage/processing operations	80
UTGNGS320A	Supervise technical operations for liquefied petroleum gas storage and processing	0	UEGNSG612A	Supervise technical operations for liquefied petroleum gas storage and processing	80

Gas Industry Training Package UTG98			Gas Industry Training Package Training Package UEG06		
National ID	Units of Competency Title	Hours	National ID	Units of Competency Title	Hours
New Unit			UEGNSG701A	Process meter reading information using appropriate technology	45
UTGNGS101A	Read and record meter readings	20	UEGNSG702A	Read and record meter readings	20
UTGNGS102B	Investigate Billing Exceptions/conditions	40	UEGNSG703A	Investigate billing exceptions/conditions	40
New Unit			UEGNSG801A	Monitor and operate complex flow control, measuring and regulating devices for gas pressure control	60
New Unit			UEGNSG802A	Install complex flow control, measuring and regulating devices for gas pressure control	100

Traineeships, Apprenticeships and Pre-Apprenticeships

The following table provides a summary of the qualifications in the Gas Industry Training Package UEG06 and the accredited traineeship, apprenticeship and pre-apprenticeship courses they will replace.

Gas Industry Training Package UTG98				Gas Industry Training Package UEG06		
National ID	Qualification Title		Hrs	National ID	Qualification Title	Hours
Traineeship						
UTG20198	Certificate II in Gas Operations	Gas Operations (Level 2)	220	UEG20106	Certificate II in Utilities Industry Operations	220
UTG30198	Certificate III in Gas Operations	Gas Operations (Level 3)	540	UEG30106	Certificate III in Gas Industry Operations	540
UTG40198	Certificate IV in Gas Operations	Gas Operations (Level 4)	0	UEG40106	Certificate IV in Gas Industry Operations	430
Apprenticeship						
There are no established Apprenticeships in this area						
Pre-Apprenticeship						
There are no established Pre-Apprenticeships in this area.						

Examples of Training Package Programs

Units of competency may be customised so that the tasks involved in demonstrating competence are designed to meet the requirements of an individual enterprise or to satisfy regulations in a particular state or territory.

Each qualification in the Gas Industry Training Package UEG06 may be customised to meet the context in which the training is taking place. A qualification can also be customised to accommodate a learner's chosen career pathway.

The following are examples of suitable training programs for Gas Industry Training Package UEG06. The models are not intended to be prescriptive but illustrate ways that qualifications can be achieved.

Training Program #1:

UEG10106 - Certificate I in Utilities Industry Operations

Qualification Title	Certificate I in Utilities Industry Operations
Qualification Code	UEG10106
Qualification Packaging Rules	<p>The requirements for granting this qualification will be met when competency is demonstrated and achieved for</p> <ul style="list-style-type: none"> • All the Core Units, and • The completion of 10 points from Schedule 1 of the Schedule of Elective Competency standard units. <p>Schedule 1 forms an integral part of this qualification.</p>

Unit Code	Unit Title	Nominal Hours	Points
Core Units			
UEGNSG101A	Use equipment and tools to perform work in a utilities industry work environment	30	-
UEGNSG102A	Carry out work activities in a utilities industry work environment	60	-
Elective Units			
BSBCM105A	Use business equipment	20	10
TOTAL		110	10

Training Program #2:

UEG20106 - Certificate II in Utilities Industry Operations

Qualification Title	Certificate II in Utilities Industry Operations
Qualification Code	UEG20106
Qualification Packaging Rules	<p>The requirements for granting this qualification will be met when competency is demonstrated and achieved for:</p> <ul style="list-style-type: none"> • All the Core Units, and • The completion of 60 points from Schedule 2/3 of the Schedule of Elective Competency standard units. <p>Schedule 2 and 3 forms an integral part of this qualification.</p>

Unit Code	Unit Title	Nominal Hours	Points
Core Units			
UEGNSG102A	Carry out work activities in a utilities industry work environment	60	-
UEGNSG103A	Comply with workplace OHS procedures and practices	40	-
UEGNSG104A	Comply with environmental policies and procedures	40	-
UEGNSG105A	Establish the work site	40	-
Elective Units			
UEGNSG201A	Excavate for underground utilities services operating plant and equipment	40	30
UEGNSG202A	Construct and lay distribution pipelines	40	30
TOTAL		260	60

Training Program #3:

UEG30106 - Certificate III in Gas Industry Operations

Qualification Title	Certificate III in Gas Industry Operations
Qualification Code	UEG30106
Qualification Packaging Rules	<p>The requirements for granting this qualification will be met when competency is demonstrated and achieved for:</p> <ul style="list-style-type: none"> • All the Core Competency standard units and a minimum of 60 weighting points from discipline-specific units from Schedule 2/3, and • The completion of a minimum of 340 points from Schedule 2/3 of the Schedule of Elective Competency Standard Units. Any weighting points achieved in addition to the requirements of a previous qualification though, may contribute to the addition of weighting points for this qualification. That is, if in the course of achieving the Certificate II qualification a learner achieved 90 points of elective units, 30 points from the 90 points can contribute to the Certificate III qualification. Schedules 2 and 3 form an integral part of this qualification.

Unit Code	Unit Title	Nominal Hours	Points
Core Units			
BSBCM302A	Organise Personal Work Priorities and Development	30	-
BSBCM311A	Maintain workplace safety	20	-
BSBFLM303A	Contribute to Effective Workplace Relationships	40	-
BSBFLM312A	Contribute to team effectiveness	30	-
UEGNSG102A	Carry out work activities in a utilities industry work environment	60	-
UEGNSG103A	Comply with workplace OHS procedures and practices	40	-
UEGNSG104A	Comply with environmental policies and procedures	40	-
UEGNSG105A	Establish the work site	40	-
Elective Units			
UEGNSG203A	Commission and decommission gas distribution pipelines	60	80
UEGNSG204A	Coordinate gas distribution pipeline repair and modifications	60	90
UEGNSG206A	Perform routine maintenance on distribution pipeline facilities and equipment	40	90
UEGNSG207A	Coordinate construction, laying and testing of gas distribution pipelines	40	90
Other Elective Units			
UEGNSG701A	Process meter reading information using appropriate technology	45	30
UEGNSG702A	Read and record meter readings	20	30
TOTAL		565	410

Training Program #4:

UEG40106 - Certificate IV in Gas Industry Operations

Qualification Title	Certificate IV in Gas Industry Operations
Qualification Code	UEG40106
Qualification Packaging Rules	<p>The requirements for granting this qualification will be met when competency is demonstrated and achieved for:</p> <ul style="list-style-type: none"> • All the Core Units, and • The completion of 550 points from Schedule 4 of the Schedule of Elective Competency standard units. <p>Schedule 4 forms an integral part of this qualification.</p>

Unit Code	Unit Title	Nominal Hours	Points
Core Units			
BSBCM411A	Monitor A Safe Workplace	40	-
BSBFLM405A	Implement operational plan	50	-
Elective Units			
UEGNSG107A	Control gas odourisation	40	90
UEGNSG108A	Operate and monitor pipelines control systems	60	90
UEGNSG111A	Produce maintenance strategies and plans for a gas facility	80	120
UEGNSG124A	Install and maintain process control systems - extra low voltage	80	130
UEGNSG319A	Custody transfer metering and gas quality analysis	80	120
TOTAL		430	550

Training Program #5:

UEG40206 - Certificate IV in Gas Industry Transmission Pipeline

Qualification Title	Certificate IV in Gas Industry Transmission Pipeline
Qualification Code	UEG40206
Qualification Packaging Rules	<p>The requirements for granting this qualification will be met when competency is demonstrated and achieved for:</p> <ul style="list-style-type: none"> • All the Core Units, and • The completion of a minimum of 250 points from Schedule 4A of the Schedule of Elective Competency standard units. Schedule 4A forms an integral part of this qualification.

Unit Code	Unit Title	Nominal Hours	Points
Core Units			
UEGNSG302A	Maintain pipeline easements	80	30
UEGNSG303A	Ground transmission pipeline surveillance	100	90
UEGNSG308A	Identify, evaluate and control threats to transmission pipelines	40	-
UEGNSG309A	First on site emergency response	40	-
UEGNSG310A	Supervise and monitor contract staff	60	-
UEGNSG311A	Site control of third party works in the vicinity of a transmission pipeline	40	-
Elective Units			
UEGNSG312A	First response to a facility event	60	80
UEGNSG314A	Liaise with third party and the community to maintain pipeline integrity and community safety	40	90
UEGNSG316A	Site control of excavations in the vicinity of a transmission pipeline	60	80
TOTAL		520	370

Training Program #6:

UEG50106 - Diploma of Gas Industry Operations

Qualification Title	Diploma of Gas Industry Operations
Qualification Code	UEG50106
Qualification Packaging Rules	<p>The requirements for granting this qualification will be met when competency is demonstrated and achieved for:</p> <ul style="list-style-type: none"> • All the Core Units, and • The completion of a minimum of 620 points from Schedule 5 of the Schedule of Elective Competency standard units. Or a minimum sum of 460 points from Schedule 5 of the Schedule of Elective Competency Standards PLUS 160 points from any other AQF level in the Gas Industry Training Package or another Training Package as it relates to the workplace. (Units used from other Training Packages need to be valued) Competency standard units from other Industry Training Packages will be weighted by the National Gas Industry Training Group. Schedule 5 forms an integral part of this qualification.

Unit Code	Unit Title	Nominal Hours	Points
Core Units			
BSBFLM509A	Promote continuous improvement	60	-
BSBMGT505A	Ensure a safe workplace	50	-
BSBMGT507A	Manage environmental performance	40	-
UEGNSG113A	Manage a utilities industry OHS management system	80	-
UEGNSG115A	Manage gas systems projects	80	-
UEGNSG116A	Manage Gas Industry physical resources	80	-
Elective Units			
BSBFLM501A	Manage Personal Work Priorities and Professional Development	60	150
BSBFLM505A	Manage operational plan	60	160
BSBFLM510A	Facilitate and capitalise on change and innovation	60	160
UEGNSG114A	Coordinate and monitor implementation of risk management plan for a utilities industry facility	100	160
TOTAL		670	630

Training Program #7:

UEG60106 - Advanced Diploma of Gas Industry Operations

Qualification Title	Advanced Diploma of Gas Industry Operations
Qualification Code	UEG60106
Qualification Packaging Rules	<p>The requirements for granting this qualification will be met when competency is demonstrated and achieved for:</p> <ul style="list-style-type: none"> • All the Core Units, and • The completion of 620 points from Schedule 5 of the Schedule of Elective Competency standard units. <p>Or a minimum sum of 460 points from Schedule 5 of the Schedule of Elective Competency Standards PLUS 160 points from any other AQF level in the Gas Industry Training Package or another Training Package as it relates to the workplace. (Units used from other Training Packages need to be valued). Competency standard units from other Industry Training Packages will be weighted by the National Gas Industry Training Group.</p> <p>Schedule 5 forms an integral part of this qualification.</p>

Unit Code	Unit Title	Nominal Hours	Points
Core Units			
UEGNSG115A	Manage gas systems projects	80	-
UEGNSG116A	Manage Gas Industry physical resources	80	-
UEGNSG117A	Plan and implement the data acquisition and metering requirements of a gas system	120	-
UEGNSG118A	Select and commission equipment to meet pressure and temperature control specifications	120	-
UEGNSG119A	Manage workplace risk in a Gas Industry facility	60	-
UEGNSG120A	Manage gas system environmental compliance	60	-
UEGNSG121A	Prepare safe design specifications of a gas system	120	-
UEGNSG122A	Manage a customer service gas business unit	120	-
UEGNSG123A	Manage financial resources in Gas Industry facility	120	-
Elective Units			
BSBFLM505A	Manage operational plan	60	160
BSBFLM506A	Manage workplace information systems	60	160
BSBFLM510A	Facilitate and capitalise on change and innovation	60	160
UEGNSG114A	Coordinate and monitor implementation of risk management plan for a utilities industry facility	100	160
TOTAL		1160	640