

# **UEG Gas Industry Training Package**

**Version 1**

**WA NOMINAL HOURS GUIDE**

## Introduction

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

This Guide is designed to aid Registered Training Organisations (RTOs) to convert from existing Training Package qualifications to new Training Package qualifications within the scope of their training delivery.

The Guide should be read in conjunction with the endorsed components of the Training Package.

Version 1 of the UEG Gas Industry Training Package was released by Training.Gov.Au (TGA) on the 05/09/2018.

## Transition Arrangements

Registered Training Organisations (RTOs) are required to deliver Training Package qualifications in accordance with the Standards for RTOs. For further information visit the Training Accreditation Council website [www.tac.wa.gov.au](http://www.tac.wa.gov.au).

## Nominal Hours

Nominal hours are the hours of training notionally required to achieve the outcomes of units of competency.

Nominal hours are identified for nationally endorsed qualifications. Nominal hours may vary for a qualification depending on the selection of units of competency.

In Western Australia, nominal hours are used as a mechanism for funding allocation.

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## Qualifications and Nominal Hours

The following table provides a summary of the qualifications and nominal hours in the training package.

National Code	National Title	Nominal Hours
UEG20118	Certificate II in Gas Supply Industry Operations	324
UEG30118	Certificate III in Gas Supply Industry Operations	830
UEG40118	Certificate IV in Gas Supply Industry Operations	1155
UEG50118	Diploma of Gas Supply Industry Operations	1359
UEG60118	Advanced Diploma of Gas Supply Industry Operations	1944

## Units of Competency and Nominal Hours

The following table provides a summary of the units of competency and nominal hours in the training package.

National Code	National Title	Nominal Hours	Points
UEGNSG004	Locate, prove and protect utility assets	54	60
UEGNSG005	Prepare to work in the gas industry	18	20
UEGNSG006	Use a portable gas detector to locate escape	36	40
UEGNSG106	Coordinate repair of pipeline, facilities and equipment	99	110
UEGNSG108	Operate and monitor pipeline control systems	54	60
UEGNSG109	Control field pipeline operations	54	60
UEGNSG110	Supervise technical operations for gas distribution or transmission	54	60
UEGNSG111	Produce maintenance strategies and plans for a gas facility	72	80
UEGNSG113	Manage a utilities industry WHS management system	72	80
UEGNSG114	Coordinate and monitor implementation of a risk management plan for a utilities industry facility	90	100
UEGNSG115	Manage gas systems projects	72	80
UEGNSG116	Manage gas industry physical resources	72	80
UEGNSG117	Plan and implement the data acquisition and metering requirements of a gas system	108	120
UEGNSG118	Select and commission equipment to meet pressure and temperature control specifications	108	120
UEGNSG119	Manage workplace risk in a gas industry facility	54	60
UEGNSG120	Manage gas system environmental compliance	54	60
UEGNSG121	Prepare safe design specifications of a gas system	108	120
UEGNSG122	Manage a customer service gas business unit	108	120
UEGNSG123	Manage financial resources in a gas industry facility	108	120
UEGNSG131	Compile a gas industry technical report	18	20
UEGNSG132	Carry out basic work activities in a gas industry work environment	54	60
UEGNSG133	Comply with environmental policies and procedures in the utilities industry	36	40
UEGNSG134	Establish a utilities infrastructure work site	54	60

UEGNSG135	Monitor and control gas odourisation	90	100
UEGNSG136	Carry out transmission pipeline construction work activities	54	60
UEGNSG137	Operate and maintain gas station water bath heaters	54	60
UEGNSG138	Install and commission stationary gas fuelled turbine engines	54	60
UEGNSG139	Repair and maintain stationary gas fuelled turbine engines	54	60
UEGNSG140	Apply environmental policies and procedures in the utilities industry	18	20
UEGNSG141	Apply workplace health and safety regulations, codes and practices in the gas supply industry	18	20
UEGNSG142	Conduct isolations under the permit to work system for gas industry work sites	72	80
UEGNSG200	Conduct butt fusion of large diameter polyethylene gas pipeline systems	18	20
UEGNSG204	Coordinate and conduct gas distribution pipeline repair and modifications	99	110
UEGNSG207	Coordinate construction, laying and testing of gas distribution pipelines	99	110
UEGNSG210	Supervise and monitor contract staff for work on distribution pipelines	54	120
UEGNSG212	Construct, lay and connect a gas distribution service to a plastic main	54	60
UEGNSG213	Construct, lay and connect a gas distribution service to a steel main	54	60
UEGNSG216	Commission or decommission gas distribution pipelines	90	100
UEGNSG217	Launch and recover PIGs in a gas distribution pipeline	90	100
UEGNSG218	Carry out surveillance on gas distribution assets	81	90
UEGNSG219	Conduct excavations in the utilities industry	54	60
UEGNSG220	Construct and lay polyethylene gas distribution mains	54	60
UEGNSG221	First on site response to gas pipeline emergencies	81	90
UEGNSG222	Construct and lay nylon or PVC gas distribution mains	54	60
UEGNSG223	Construct and lay steel gas distribution pipelines	54	60
UEGNSG224	Construct and lay copper and stainless steel gas distribution pipelines	54	60
UEGNSG225	Perform routine maintenance on distribution pipeline facilities and equipment	90	100
UEGNSG226	Assist with the construction, laying and connection of gas distribution services to mains	36	40
UEGNSG227	Assist with the construction and laying of gas distribution mains	36	40
UEGNSG228	Construct and lay large copper gas distribution pipelines	54	60
UEGNSG229	Prepare simple drawings of as laid gas mains and services	36	40

UEGNSG305	Coordinate gas transmission pipeline repairs and modifications	99	110
UEGNSG308	Identify, evaluate and control threats to transmission pipelines	36	40
UEGNSG310	Supervise and monitor contract work	54	60
UEGNSG311	Site control of third party works in the vicinity of a transmission pipeline	36	80
UEGNSG314	Liaise with third party and the community to maintain pipeline integrity and community safety	36	40
UEGNSG319	Custody transfer metering and gas quality analysis	72	80
UEGNSG324	Follow company procedures to deal with incidents related to the abuse of drugs and alcohol	54	60
UEGNSG325	Coordinate the operation of relevant plant and equipment for transmission pipeline construction	54	80
UEGNSG326	Coordinate and monitor staff and contractors	54	60
UEGNSG327	Coordinate transmission pipeline construction operations	54	60
UEGNSG330	Coat metallic pipelines	72	80
UEGNSG331	Establish right of way access for transmission pipeline construction	54	60
UEGNSG332	Undertake hydro-testing for transmission pipeline construction	54	60
UEGNSG333	Work in proximity of transmission pipeline construction plant and equipment	36	40
UEGNSG342	Maintain pipeline easements	36	40
UEGNSG344	Commission or decommission gas transmission pipelines	108	120
UEGNSG346	Launch and recover PIGs in gas transmission pipelines	90	100
UEGNSG347	Perform routine maintenance on transmission pipeline facilities and equipment	99	110
UEGNSG348	Supervise the operation of plant and equipment for the construction of gas transmission pipelines	54	60
UEGNSG349	Carry out surveillance of gas transmission pipelines	99	110
UEGNSG350	First response to a gas facility event	54	60
UEGNSG352	Check and report on gas station conditions	36	40
UEGNSG353	Carry out aerial surveillance of gas transmission pipelines	54	60
UEGNSG354	Control excavations in the vicinity of gas transmission pipelines	54	60
UEGNSG355	Monitor and report on cathodic protection systems	36	60
UEGNSG356	Monitor and operate flow control, pressure measuring and regulating devices for gas transmission	90	100
UEGNSG411	Maintain cathodic protection systems	99	100
UEGNSG412	Install cathodic protection systems	99	110

UEGNSG506	Respond to gas infrastructure emergencies	72	80
UEGNSG507	Remotely monitor and operate gas transmission flow and pressure measuring and regulating devices	81	90
UEGNSG508	Remotely check and report on gas station conditions	36	40
UEGNSG511	Operate gas infrastructure to meet nominated demand	108	120
UEGNSG512	Control centre communication with gas industry stakeholders	99	110
UEGNSG513	Manage emergencies and critical incidents for gas infrastructure	108	120
UEGNSG514	Managing and controlling field activities	99	110
UEGNSG515	Use control centre systems to monitor and control gas infrastructure	99	110
UEGNSG611	Control LPG storage/processing operations	72	110
UEGNSG612	Supervise technical operations for liquefied petroleum gas storage and processing	72	120
UEGNSG614	Load, unload, exchange and connect LPG cylinders	72	80
UEGNSG615	Fill LPG cylinders	72	80
UEGNSG616	Refurbish gas cylinders	72	80
UEGNSG617	Monitor and control the transfer of bulk LPG	90	100
UEGNSG618	Process liquefied petroleum gas (LPG)	90	100
UEGNSG619	Perform scheduled maintenance on gas processing or storage facilities and equipment	99	110
UEGNSG620	Organise the repair of faults in LPG processing or storage facilities and equipment	72	80
UEGNSG621	Control bulk storage of LPG	72	110
UEGNSG622	Assess the operational capability of gas safety equipment on a delivery vehicle	36	40
UEGNSG705	Disconnect and reconnect small capacity gas meters	36	40
UEGNSG706	Test new residential and small commercial gas installations	54	60
UEGNSG708	Pressure test residential and small commercial gas installations	36	40
UEGNSG711	Process meter reading information using appropriate technology	36	40
UEGNSG712	Read and record meter readings	36	40
UEGNSG713	Investigate billing exceptions-conditions	54	60
UEGNSG714	Relight Type A gas appliances	54	60
UEGNSG804	Maintain single stage and single run gas flow and pressure control and measuring devices	72	80
UEGNSG805	Maintain multi-stage and multi-run gas flow and pressure measuring and regulating devices	72	80

UEGNSG806	Maintain SCADA controlled flow and pressure equipment and electronic gas measurement equipment	90	100
UEGNSG807	Install gas flow, measuring and pressure regulating devices	72	80
UEGNSG811	Monitor and operate complex flow control, measuring and regulating devices for gas distribution	99	110



## Skill Sets and Nominal Hours

The following table provides a summary of the skill sets and nominal hours in the training package.

<b>National Code</b>	<b>National Title</b>	<b>Nominal Hours</b>
UEGSS00007	Basic Gas Supply Industry Work Activities Skill Set	108
UEGSS00008	Construct and Lay Steel Gas Distribution Mains Skill Set	108
UEGSS00009	Construct and Lay Nylon or PVC Gas Distribution Mains Skill Set	108
UEGSS00010	Construct and Lay Polyethylene Gas Distribution Mains Skill Set	108
UEGSS00011	Construct, Lay and Connect a Gas Distribution Service to Steel Mains Skill Set	108
UEGSS00012	Construct, Lay and Connect Gas Distribution Service to Plastic Mains Skill Set	108

## Mapping Qualifications

The following table provides an overview of the qualifications from Version 1, which replace qualifications from the existing version of the UEG11 Gas Industry Training Package.

UEG11 Current Qualification				UEG Replacement Qualification		
National Code	National Title	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
UEG20114	Certificate II in Gas Supply Industry Operations	324	E	UEG20118	Certificate II in Gas Supply Industry Operations	324
UEG30114	Certificate III in Gas Supply Industry Operations	830	E	UEG30118	Certificate III in Gas Supply Industry Operations	830
UEG40114	Certificate IV in Gas Supply Industry Operations	1155	E	UEG40118	Certificate IV in Gas Supply Industry Operations	1155
UEG50114	Diploma of Gas Supply Industry Operations	1359	E	UEG50118	Diploma of Gas Supply Industry Operations	1359
UEG60114	Advanced Diploma of Gas Supply Industry Operations	1944	E	UEG60118	Advanced Diploma of Gas Supply Industry Operations	1944

## Mapping Units of Competency

The following table provides an overview of the units of competency from Version 1, which replace units of competency from the existing version of the UEG Gas Industry Training Package.

UEG11 Current Unit				UEG Replacement Unit		
National Code	National Title	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
UEGNSG004A	Locate, prove and protect utility assets	54	E	UEGNSG004	Locate, prove and protect utility assets	54
UEGNSG005A	Prepare to work in the gas industry	18	E	UEGNSG005	Prepare to work in the gas industry	18
UEGNSG006A	Use a portable gas detector to locate escape	36	E	UEGNSG006	Use a portable gas detector to locate escape	36
UEGNSG106B	Coordinate repair of pipeline, facilities and equipment	99	E	UEGNSG106	Coordinate repair of pipeline, facilities and equipment	99
UEGNSG108B	Operate and monitor pipeline control systems	54	E	UEGNSG108	Operate and monitor pipeline control systems	54
UEGNSG109B	Control field pipeline operations	54	E	UEGNSG109	Control field pipeline operations	54
UEGNSG110B	Supervise technical operations for gas distribution or transmission	54	E	UEGNSG110	Supervise technical operations for gas distribution or transmission	54
UEGNSG111B	Produce maintenance strategies and plans for a gas facility	72	E	UEGNSG111	Produce maintenance strategies and plans for a gas facility	72
UEGNSG113B	Manage a utilities industry OHS management system	72	E	UEGNSG113	Manage a utilities industry WHS management system	72
UEGNSG114B	Coordinate and monitor implementation of a risk management plan for a utilities industry facility	90	E	UEGNSG114	Coordinate and monitor implementation of a risk management plan for a utilities industry facility	90
UEGNSG115B	Manage gas systems projects	72	E	UEGNSG115	Manage gas systems projects	72
UEGNSG116B	Manage Gas Industry Physical Resources	72	E	UEGNSG116	Manage gas industry physical resources	72
UEGNSG117B	Plan and implement the data acquisition and metering requirements of a gas system	108	E	UEGNSG117	Plan and implement the data acquisition and metering requirements of a gas system	108
UEGNSG118B	Select and commission equipment to meet pressure and temperature control specifications	108	E	UEGNSG118	Select and commission equipment to meet pressure and temperature control specifications	108
UEGNSG119B	Manage workplace risk in a gas industry facility	54	E	UEGNSG119	Manage workplace risk in a gas industry facility	54
UEGNSG120B	Manage gas system environmental compliance	54	E	UEGNSG120	Manage gas system environmental compliance	54
UEGNSG121B	Prepare safe design specifications of a gas system	108	E	UEGNSG121	Prepare safe design specifications of a gas system	108
UEGNSG122B	Manage a customer service gas business unit	108	E	UEGNSG122	Manage a customer service gas business unit	108
UEGNSG123B	Manage financial resources in a gas industry facility	108	E	UEGNSG123	Manage financial resources in a gas industry facility	108
UEGNSG131A	Compile a gas industry technical report	18	E	UEGNSG131	Compile a gas industry technical report	18

UEGNSG132A	Carry out basic work activities in a gas industry work environment	54	E	UEGNSG132	Carry out basic work activities in a gas industry work environment	54
UEGNSG133A	Comply with environmental policies and procedures in the utilities industry	36	E	UEGNSG133	Comply with environmental policies and procedures in the utilities industry	36
UEGNSG134A	Establish a utilities infrastructure work site	54	E	UEGNSG134	Establish a utilities infrastructure work site	54
UEGNSG135A	Monitor and control gas odourisation	90	E	UEGNSG135	Monitor and control gas odourisation	90
UEGNSG136A	Carry out transmission pipeline construction work activities	54	E	UEGNSG136	Carry out transmission pipeline construction work activities	54
UEGNSG137A	Operate and Maintain Gas Station Water Bath Heaters	54	E	UEGNSG137	Operate and maintain gas station water bath heaters	54
UEGNSG138A	Install and commission stationary gas fuelled turbine engines	54	E	UEGNSG138	Install and commission stationary gas fuelled turbine engines	54
UEGNSG139A	Repair and maintain stationary gas fuelled turbine engines	54	E	UEGNSG139	Repair and maintain stationary gas fuelled turbine engines	54
UEGNSG140A	Apply environmental policies and procedures in the utilities industry	18	E	UEGNSG140	Apply environmental policies and procedures in the utilities industry	18
UEGNSG141A	Apply Workplace Health and Safety regulations, codes and practices in the gas supply industry	18	E	UEGNSG141	Apply workplace health and safety regulations, codes and practices in the gas supply industry	18
UEGNSG142A	Conduct isolations under the permit to work system for gas industry work sites	72	E	UEGNSG142	Conduct isolations under the permit to work system for gas industry work sites	72
			-	UEGNSG200	Conduct butt fusion of large diameter polyethylene gas pipeline systems	18
UEGNSG204B	Coordinate and conduct gas distribution pipeline repair and modifications	99	E	UEGNSG204	Coordinate and conduct gas distribution pipeline repair and modifications	99
UEGNSG207B	Coordinate construction, laying and testing of gas distribution pipelines	99	E	UEGNSG207	Coordinate construction, laying and testing of gas distribution pipelines	99
UEGNSG210B	Supervise and monitor contract staff for work on distribution pipelines	54	E	UEGNSG210	Supervise and monitor contract staff for work on distribution pipelines	54
UEGNSG212B	Construct, lay and connect a gas distribution service to a plastic main	54	E	UEGNSG212	Construct, lay and connect a gas distribution service to a plastic main	54
UEGNSG213B	Construct, lay and connect a gas distribution service to a steel main	54	E	UEGNSG213	Construct, lay and connect a gas distribution service to a steel main	54
UEGNSG216A	Commission or decommission gas distribution pipelines	90	E	UEGNSG216	Commission or decommission gas distribution pipelines	90
UEGNSG217A	Launch and recover PIGs in a gas distribution pipeline	90	E	UEGNSG217	Launch and recover PIGs in a gas distribution pipeline	90
UEGNSG218A	Carry out surveillance on gas distribution assets	81	E	UEGNSG218	Carry out surveillance on gas distribution assets	81
UEGNSG219A	Conduct excavations in the utilities industry	54	E	UEGNSG219	Conduct excavations in the utilities industry	54

UEGNSG220A	Construct and lay Polyethylene gas distribution mains	54	E	UEGNSG220	Construct and lay polyethylene gas distribution mains	54
UEGNSG221A	First on site response to gas pipeline emergencies	81	E	UEGNSG221	First on site response to gas pipeline emergencies	81
UEGNSG222A	Construct and lay Nylon or PVC gas distribution mains	54	E	UEGNSG222	Construct and lay nylon or PVC gas distribution mains	54
UEGNSG223A	Construct and lay steel gas distribution pipelines	54	E	UEGNSG223	Construct and lay steel gas distribution pipelines	54
UEGNSG224A	Construct and lay copper and stainless steel gas distribution pipelines	54	E	UEGNSG224	Construct and lay copper and stainless steel gas distribution pipelines	54
UEGNSG225A	Perform routine maintenance on distribution pipeline facilities and equipment	90	E	UEGNSG225	Perform routine maintenance on distribution pipeline facilities and equipment	90
UEGNSG226A	Assist with the construction, laying and connection of gas distribution services to mains	36	E	UEGNSG226	Assist with the construction, laying and connection of gas distribution services to mains	36
UEGNSG227A	Assist with the construction and laying of gas distribution mains	36	E	UEGNSG227	Assist with the construction and laying of gas distribution mains	36
UEGNSG228A	Construct and lay large copper gas distribution pipelines	54	E	UEGNSG228	Construct and lay large copper gas distribution pipelines	54
UEGNSG229A	Prepare simple drawings of as laid gas mains and services	36	E	UEGNSG229	Prepare simple drawings of as laid gas mains and services	36
UEGNSG305B	Coordinate gas transmission pipeline repair and modifications	99	E	UEGNSG305	Coordinate gas transmission pipeline repairs and modifications	99
UEGNSG308B	Identify, evaluate and control threats to transmission pipelines	36	E	UEGNSG308	Identify, evaluate and control threats to transmission pipelines	36
UEGNSG310B	Supervise and monitor contract work	54	E	UEGNSG310	Supervise and monitor contract work	54
UEGNSG311B	Site control of third party works in the vicinity of a transmission pipeline	36	E	UEGNSG311	Site control of third party works in the vicinity of a transmission pipeline	36
UEGNSG314B	Liaise with third party and the community to maintain pipeline integrity and community safety	36	E	UEGNSG314	Liaise with third party and the community to maintain pipeline integrity and community safety	36
UEGNSG319B	Custody transfer metering and gas quality analysis	72	E	UEGNSG319	Custody transfer metering and gas quality analysis	72
UEGNSG324A	Follow company procedures to deal with incidents related to the abuse of drugs and alcohol	54	E	UEGNSG324	Follow company procedures to deal with incidents related to the abuse of drugs and alcohol	54
UEGNSG325A	Coordinate the operation of relevant plant and equipment for transmission pipeline construction	54	E	UEGNSG325	Coordinate the operation of relevant plant and equipment for transmission pipeline construction	54
UEGNSG326A	Coordinate and monitor staff and contractors	54	E	UEGNSG326	Coordinate and monitor staff and contractors	54
UEGNSG327A	Coordinate transmission pipeline construction operations	54	E	UEGNSG327	Coordinate transmission pipeline construction operations	54
UEGNSG330A	Coat Metallic Pipelines	72	E	UEGNSG330	Coat metallic pipelines	72
UEGNSG331A	Establish right of way access for transmission pipeline construction	54	E	UEGNSG331	Establish right of way access for transmission pipeline construction	54

UEGNSG332A	Undertake hydro-testing for transmission pipeline construction	54	E	UEGNSG332	Undertake hydro-testing for transmission pipeline construction	54
UEGNSG333A	Work in proximity of transmission pipeline construction plant and equipment	36	E	UEGNSG333	Work in proximity of transmission pipeline construction plant and equipment	36
UEGNSG342A	Maintain pipeline easements	36	E	UEGNSG342	Maintain pipeline easements	36
UEGNSG344A	Commission or decommission gas transmission pipelines	108	E	UEGNSG344	Commission or decommission gas transmission pipelines	108
UEGNSG346A	Launch and recover PIGs in gas transmission pipelines	90	E	UEGNSG346	Launch and recover PIGs in gas transmission pipelines	90
UEGNSG347A	Perform routine maintenance on transmission pipeline facilities and equipment	99	E	UEGNSG347	Perform routine maintenance on transmission pipeline facilities and equipment	99
UEGNSG348A	Supervise the operation of plant and equipment for the construction of gas transmission pipelines	54	E	UEGNSG348	Supervise the operation of plant and equipment for the construction of gas transmission pipelines	54
UEGNSG349A	Carry out surveillance of gas transmission pipelines	99	E	UEGNSG349	Carry out surveillance of gas transmission pipelines	99
UEGNSG350A	First response to a gas facility event	54	E	UEGNSG350	First response to a gas facility event	54
UEGNSG352A	Check and report on gas station conditions	36	E	UEGNSG352	Check and report on gas station conditions	36
UEGNSG353A	Carry out aerial surveillance of gas transmission pipelines	54	E	UEGNSG353	Carry out aerial surveillance of gas transmission pipelines	54
UEGNSG354A	Control excavations in the vicinity of gas transmission pipelines	54	E	UEGNSG354	Control excavations in the vicinity of gas transmission pipelines	54
UEGNSG355A	Monitor and report on cathodic protection systems	36	E	UEGNSG355	Monitor and report on cathodic protection systems	36
UEGNSG356A	Monitor and operate flow control, pressure measuring and regulating devices for gas transmission	90	E	UEGNSG356	Monitor and operate flow control, pressure measuring and regulating devices for gas transmission	90
UEGNSG411A	Maintain cathodic protection systems	99	E	UEGNSG411	Maintain cathodic protection systems	99
UEGNSG412A	Install cathodic protection systems	99	E	UEGNSG412	Install cathodic protection systems	99
UEGNSG506A	Respond to gas infrastructure emergencies	72	E	UEGNSG506	Respond to gas infrastructure emergencies	72
UEGNSG507A	Remotely monitor and operate gas transmission flow and pressure measuring and regulating devices	81	E	UEGNSG507	Remotely monitor and operate gas transmission flow and pressure measuring and regulating devices	81
UEGNSG508A	Remotely check and report on gas station conditions	36	E	UEGNSG508	Remotely check and report on gas station conditions	36
UEGNSG511A	Operate gas infrastructure to meet nominated demand	108	E	UEGNSG511	Operate gas infrastructure to meet nominated demand	108
UEGNSG512A	Control centre communication with gas industry stakeholders	99	E	UEGNSG512	Control centre communication with gas industry stakeholders	99
UEGNSG513A	Manage emergencies and critical incidents for gas infrastructure	108	E	UEGNSG513	Manage emergencies and critical incidents for gas infrastructure	108
UEGNSG514A	Managing and Controlling Field Activities	99	E	UEGNSG514	Managing and controlling field activities	99

UEGNSG515A	Use control centre systems to monitor and control gas infrastructure	99	E	UEGNSG515	Use control centre systems to monitor and control gas infrastructure	99
UEGNSG611B	Control LPG storage/processing operations	72	E	UEGNSG611	Control LPG storage/processing operations	72
UEGNSG612B	Supervise technical operations for liquefied petroleum gas storage and processing	72	E	UEGNSG612	Supervise technical operations for liquefied petroleum gas storage and processing	72
UEGNSG614A	Load, unload, exchange and connect LPG cylinders	72	E	UEGNSG614	Load, unload, exchange and connect LPG cylinders	72
UEGNSG615A	Fill LPG cylinders	72	E	UEGNSG615	Fill LPG cylinders	72
UEGNSG616A	Refurbish gas cylinders	72	E	UEGNSG616	Refurbish gas cylinders	72
UEGNSG617A	Monitor and control the transfer of bulk LPG	90	E	UEGNSG617	Monitor and control the transfer of bulk LPG	90
UEGNSG618A	Process Liquefied Petroleum Gas (LPG)	90	E	UEGNSG618	Process liquefied petroleum gas (LPG)	90
UEGNSG619A	Perform scheduled maintenance on gas processing or storage facilities and equipment	99	E	UEGNSG619	Perform scheduled maintenance on gas processing or storage facilities and equipment	99
UEGNSG620A	Organise the repair of faults in LPG processing or storage facilities and equipment	72	E	UEGNSG620	Organise the repair of faults in LPG processing or storage facilities and equipment	72
UEGNSG621A	Control bulk storage of LPG	72	E	UEGNSG621	Control bulk storage of LPG	72
UEGNSG622A	Assess the operational capability of gas safety equipment on a delivery vehicle	36	E	UEGNSG622	Assess the operational capability of gas safety equipment on a delivery vehicle	36
UEGNSG705A	Disconnect and reconnect small capacity gas meters	36	E	UEGNSG705	Disconnect and reconnect small capacity gas meters	36
UEGNSG706A	Test New Residential and Small Commercial Gas Installations	54	E	UEGNSG706	Test new residential and small commercial gas installations	54
UEGNSG708A	Pressure Test Residential and Small Commercial Gas Installations	36	E	UEGNSG708	Pressure test residential and small commercial gas installations	36
UEGNSG711A	Process meter reading information using appropriate technology	36	E	UEGNSG711	Process meter reading information using appropriate technology	36
UEGNSG712A	Read and record meter readings	36	E	UEGNSG712	Read and record meter readings	36
UEGNSG713A	Investigate billing exceptions-conditions	54	E	UEGNSG713	Investigate billing exceptions-conditions	54
UEGNSG714A	Relight Type A gas appliances	54	E	UEGNSG714	Relight Type A gas appliances	54
UEGNSG804A	Maintain Single Stage and Single Run Gas Flow and Pressure Control and Measuring Devices	72	E	UEGNSG804	Maintain single stage and single run gas flow and pressure control and measuring devices	72
UEGNSG805A	Maintain Multi-Stage and Multi-Run Gas Flow and Pressure Measuring and Regulating Devices	72	E	UEGNSG805	Maintain multi-stage and multi-run gas flow and pressure measuring and regulating devices	72
UEGNSG806A	Maintain SCADA controlled flow and pressure equipment and electronic gas measurement equipment	90	E	UEGNSG806	Maintain SCADA controlled flow and pressure equipment and electronic gas measurement equipment	90

UEGNSG807A	Install Gas Flow, Measuring and Pressure Regulating Devices	72	E	UEGNSG807	Install gas flow, measuring and pressure regulating devices	72
UEGNSG811A	Monitor and operate complex flow control, measuring and regulating devices for gas distribution	99	E	UEGNSG811	Monitor and operate complex flow control, measuring and regulating devices for gas distribution	99



## Mapping Skill Sets

The following table provides an overview of the skill sets from UEG Gas Industry Training Package, which replace skill sets from the existing version of the UEG11 Gas Industry Training Package.

UEG11 Current Skill Set				UEG Replacement Skill Set		
National Code	National Title	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
UEGSS00001	Basic gas supply industry work activities	108	E	UEGSS00007	Basic Gas Supply Industry Work Activities Skill Set	108
UEGSS00002	Construct and lay steel gas distribution mains	108	E	UEGSS00008	Construct and Lay Steel Gas Distribution Mains Skill Set	108
UEGSS00003	Construct and lay nylon or PVC gas distribution mains	108	E	UEGSS00009	Construct and Lay Nylon or PVC Gas Distribution Mains Skill Set	108
UEGSS00004	Construct and lay Polyethylene gas distribution mains	108	E	UEGSS00010	Construct and Lay Polyethylene Gas Distribution Mains Skill Set	108
UEGSS00005	Construct, lay and connect a gas distribution service to steel mains	108	E	UEGSS00011	Construct, Lay and Connect a Gas Distribution Service to Steel Mains Skill Set	108
UEGSS00006	Construct, lay and connect gas distribution service to plastic mains	108	E	UEGSS00012	Construct, Lay and Connect Gas Distribution Service to Plastic Mains Skill Set	108

## Apprenticeships

The following table provides a summary of the qualifications in the UEG Gas Industry Training Package and the accredited apprenticeship courses they will replace.

UEG11 Current Qualification					UEG Replacement Qualification		
National Code	National Title	Apprenticeship	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
UEG30114	Certificate III in Gas Supply Industry Operations	AP02370: GAS SUPPLY TECHNICIAN	830	E	UEG30118	Certificate III in Gas Supply Industry Operations	830

## Traineeships

The following table provides a summary of the qualifications in the UEG Gas Industry Training Package and the accredited traineeship courses they will replace.

UEG11 Current Qualification					UEG Replacement Qualification		
National Code	National Title	Traineeship	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
UEG40114	Certificate IV in Gas Supply Industry Operations	TR06830: GAS INDUSTRY OPERATIONS (LEVEL 4)	1155	E	UEG40118	Certificate IV in Gas Supply Industry Operations	1155
UEG50114	Diploma in Gas Supply Industry Operations	TR07060: GAS INDUSTRY TECHNICIAN (LEVEL 5)	1359	E	UEG50118	Diploma in Gas Supply Industry Operations	1359
UEG60114	Advanced Diploma in Gas Supply Industry Operations	TR07070: GAS INDUSTRY ADVANCED TECHNICIAN (LEVEL 6)	1944	E	UEG60118	Advanced Diploma in Gas Supply Industry Operations	1944

## Pre-Apprenticeships

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

National Code	National Title	Pre-Apprenticeship	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
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No changes occurred between UEG11 v2 and UEG v1.