**Victorian Purchasing Guide**

**for**

**UEG Gas Industry
Training Package**

**Release 2.0**

**August 2021**

© State of Victoria (Department of Education and Training) 2021.

Copyright of this material is reserved to the Crown in the right of the State of Victoria. This work is licensed under a Creative Commons Attribution-NoDerivs 3.0 Australia licence (more information is available [here](http://creativecommons.org/licenses/by-nd/3.0/au/)). You are free to use, copy and distribute to anyone in its original form as long as you attribute Higher Education and Skills, Department of Education and Training (DET) as the author, and you license any derivative work you make available under the same licence.

**Disclaimer**

In compiling the information contained in and accessed through this resource, the Department of Education and Training has used its best endeavours to ensure that the information is correct and current at the time of publication but takes no responsibility for any error, omission or defect therein.

To the extent permitted by law, DET, its employees, agents and consultants exclude all liability for any loss or damage (including indirect, special or consequential loss or damage) arising from the use of, or reliance on the information contained herein, whether caused or not by any negligent act or omission. If any law prohibits the exclusion of such liability, DET limits its liability to the extent permitted by law, for the resupply of the information.

**Third party sites**

This resource may contain links to third party websites and resources. DET is not responsible for the condition or content of these sites or resources as they are not under its control.

Third party material linked from this resource is subject to the copyright conditions of the third party. Users will need to consult the copyright notice of the third party sites for conditions of usage.

Victorian Purchasing Guide ⎯ Release History

**Note**: RTOs should refer to the [National Register](https://training.gov.au/Home/Tga) for the detail of changes made in each Release.

| Training Package Release  | **Date VPGApproved** | **Comments**  |
| --- | --- | --- |
| UEG Gas Industry Training PackageRelease 2.0 | August 2021 | This Victorian Purchasing Guide reflects the release of the UEG Gas Training Package Release 2.0 incorporating Release 2.1 of this Training Package. This includes:Release 2.0* One (1) new qualification
* Six (6) new units of competency
* Seven (7) revised units of competency

Release 2.1* Five (5) revised qualifications with the removal of deleted units of competency
* One (1) deleted qualification with zero enrolments
* Seventeen (17) deleted units of competency with zero enrolments
 |
| UEG Gas Training PackageRelease 1 | October 2018 | This Victorian Purchasing Guide reflects the initial release of the UEG Gas Training Package (Release 1.0). This includes:* Transitioning to the 2012 Standard for Training Packages
* One new unit of competency:

UEGNSG200 Conduct butt fusion of large diameter polyethylene gas pipeline systems |

**UEG Gas Industry Training Package Release 2.1
Victorian Purchasing Guide**

**CONTENTS**

[INTRODUCTION 1](#_Toc11847573)

[What is a Victorian Purchasing Guide? 1](#_Toc11847574)

[Registration 1](#_Toc11847575)

[Transition 1](#_Toc11847576)

[QUALIFICATIONS 1](#_Toc11847577)

[UNITS OF COMPETENCY AND NOMINAL HOURS 1](#_Toc11847578)

[CONTACTS AND LINKS 1](#_Toc11847579)

[GLOSSARY 1](#_Toc11847580)

INTRODUCTION

What is a Victorian Purchasing Guide?

The Victorian Purchasing Guide provides information for use by Registered Training Organisations (RTOs) in the provision of Victorian government subsidised training.

Specifically the Victorian Purchasing Guide provides the following information related to the delivery of nationally endorsed Training Packages in Victoria:

* The maximum and minimum payable hours available for each qualification.
* Nominal hours for each unit of competency within the Training Package.

Registration

RTOs must be registered by either the Victorian Registration and Qualifications Authority (VRQA) or the Australian Skills Qualification Authority (ASQA) regulatory body to be eligible to issue qualifications and Statements of Attainment under the Australian Qualifications Framework (AQF).

The VRQA is the regulatory authority in Victoria responsible for the registration of Vocational Education and Training (VET) providers who offer courses to domestic students in Victoria only.

ASQA is the regulatory authority responsible for the registration of VET providers who offer training in Victoria, nationally and / or internationally.

Transition

The relationship between new units and any superseded or replaced units from the previous version of **UEG Gas Industry Training Package Release 1.0** is provided in theTraining PackageCompanionVolume Implementation Guide, available at [vetnet.gov.au](https://vetnet.gov.au/Pages/TrainingPackages.aspx).

Information regarding transition arrangements can be obtained from the state or national VET Regulatory Authority (see Contacts and Links section).

RTOs must ensure that all training and assessment leading to issuance of qualifications or Statements of Attainment from the **UEG Gas Industry Training Package Release 2.1** is conducted against the Training Package units of competency and complies with the assessment requirements.

QUALIFICATIONS

|  |  |  |  |
| --- | --- | --- | --- |
| **Code** | **Title** | **Minimum Payable Hours** | **Maximum Payable Hours** |
| UEG20120 | Certificate II in Gas Supply Industry Operations | 365 | 380 |
| UEG30120 | Certificate III in Gas Supply Industry Operations | 925 | 975 |
| UEG40120 | Certificate IV in Gas Control Operations | 1100 | 1160 |
| UEG40220 | Certificate IV in Gas Supply Industry Operations | 1185 | 1265 |
| UEG50118 | Diploma of Gas Supply Industry Operations | 1635 | 1720 |

UNITS OF COMPETENCY AND NOMINAL HOURS

| Unit Code | Unit Title | Nominal Hours |
| --- | --- | --- |
| UEGNSG004 | Locate, prove and protect utility assets | 60 |
| UEGNSG005 | Prepare to work in the gas industry | 20 |
| UEGNSG006 | Use a portable gas detector to locate escape | 40 |
| UEGNSG101 | Undertake gas leak surveys | 60 |
| UEGNSG106 | Coordinate repair of pipeline, facilities and equipment | 120 |
| UEGNSG108 | Operate and monitor pipeline control systems | 60 |
| UEGNSG109 | Control field pipeline operations | 60 |
| UEGNSG110 | Supervise technical operations for gas distribution or transmission | 100 |
| UEGNSG113 | Manage a utilities industry WHS management system | 80 |
| UEGNSG120 | Manage gas system environmental compliance | 60 |
| UEGNSG121 | Prepare safe design specifications of a gas system | 120 |
| UEGNSG131 | Compile a gas industry technical report | 20 |
| UEGNSG132 | Carry out basic work activities in a gas industry work environment | 60 |
| UEGNSG133 | Comply with environmental policies and procedures in the utilities industry | 60 |
| UEGNSG134 | Establish a utilities infrastructure work site | 60 |
| UEGNSG135 | Monitor and control gas odourisation | 80 |
| UEGNSG136 | Carry out transmission pipeline construction work activities | 60 |
| UEGNSG137 | Operate and maintain gas station water bath heaters | 60 |
| UEGNSG138 | Install and commission stationary gas fuelled turbine engines | 60 |
| UEGNSG139 | Repair and maintain stationary gas fuelled turbine engines | 60 |
| UEGNSG140 | Apply environmental policies and procedures in the utilities industry | 20 |
| UEGNSG141 | Apply workplace health and safety regulations, codes and practices in the gas supply industry | 20 |
| UEGNSG142 | Conduct isolations under the permit to work system for gas industry work sites | 80 |
| UEGNSG200 | Conduct butt fusion of large diameter polyethylene gas pipeline systems | 20 |
| UEGNSG201 | Conduct distribution pipeline emergency repair | 80 |
| UEGNSG202 | Conduct emergency site control on gas distribution assets | 80 |
| UEGNSG203 | Evaluate and extinguish gas fire | 20 |
| UEGNSG204 | Coordinate and conduct gas distribution pipeline repair and modifications | 80 |
| UEGNSG207 | Coordinate construction, laying and testing of gas distribution pipelines | 100 |
| UEGNSG210 | Supervise and monitor contract staff for work on distribution pipelines | 100 |
| UEGNSG212 | Construct, lay and connect a gas distribution service to a plastic main | 40 |
| UEGNSG213 | Construct, lay and connect a gas distribution service to a steel main | 40 |
| UEGNSG216 | Commission or decommission gas distribution pipelines | 100 |
| UEGNSG217 | Launch and recover PIGs in a gas distribution pipeline | 80 |
| UEGNSG218 | Carry out surveillance on gas distribution assets | 100 |
| UEGNSG219 | Conduct excavations in the utilities industry | 40 |
| UEGNSG220 | Construct and lay polyethylene gas distribution mains | 60 |
| UEGNSG221 | First on site response to gas pipeline emergencies | 80 |
| UEGNSG222 | Construct and lay nylon or PVC gas distribution mains | 60 |
| UEGNSG223 | Construct and lay steel gas distribution pipelines | 60 |
| UEGNSG224 | Construct and lay copper and stainless steel gas distribution pipelines | 60 |
| UEGNSG225 | Perform routine maintenance on distribution pipeline facilities and equipment | 100 |
| UEGNSG226 | Assist with the construction, laying and connection of gas distribution services to mains | 40 |
| UEGNSG227 | Assist with the construction and laying of gas distribution mains | 40 |
| UEGNSG228 | Construct and lay large copper gas distribution pipelines | 60 |
| UEGNSG229 | Prepare simple drawings of as laid gas mains and services | 40 |
| UEGNSG301 | Conduct emergency site control on gas transmission assets | 80 |
| UEGNSG302 | Conduct transmission pipeline emergency repair | 80 |
| UEGNSG305 | Coordinate gas transmission pipeline repair and modifications | 80 |
| UEGNSG310 | Supervise and monitor contract work | 60 |
| UEGNSG314 | Liaise with third party and the community to maintain pipeline integrity and community safety | 40 |
| UEGNSG325 | Coordinate the operation of relevant plant and equipment for transmission pipeline construction | 60 |
| UEGNSG326 | Coordinate and monitor staff and contractors | 60 |
| UEGNSG327 | Coordinate transmission pipeline construction operations | 60 |
| UEGNSG330 | Coat metallic pipelines | 100 |
| UEGNSG331 | Establish right of way access for transmission pipeline construction | 30 |
| UEGNSG333 | Work in proximity of transmission pipeline construction plant and equipment | 30 |
| UEGNSG342 | Maintain pipeline easements | 45 |
| UEGNSG344 | Commission or decommission gas transmission pipelines | 120 |
| UEGNSG346 | Launch and recover PIGs in gas transmission pipelines | 40 |
| UEGNSG347 | Perform routine maintenance on transmission pipeline facilities and equipment | 100 |
| UEGNSG348 | Supervise the operation of plant and equipment for the construction of gas transmission pipelines | 60 |
| UEGNSG349 | Carry out surveillance of gas transmission pipelines | 100 |
| UEGNSG350 | First response to a gas facility event | 60 |
| UEGNSG352 | Check and report on gas station conditions | 40 |
| UEGNSG353 | Carry out aerial surveillance of gas transmission pipelines | 40 |
| UEGNSG354 | Control excavations in the vicinity of gas transmission pipelines | 60 |
| UEGNSG355 | Monitor and report on cathodic protection systems | 40 |
| UEGNSG356 | Monitor and operate flow control, pressure measuring and regulating devices for gas transmission | 100 |
| UEGNSG411 | Maintain cathodic protection systems | 80 |
| UEGNSG412 | Install cathodic protection systems | 100 |
| UEGNSG501 | Communicate with gas industry stakeholders to meet operational requirements | 80 |
| UEGNSG502 | Implement emergency and critical incident response for gas infrastructure incidents | 80 |
| UEGNSG503 | Monitor and control field activities | 80 |
| UEGNSG504 | Monitor and control gas infrastructure using Control Centre systems | 80 |
| UEGNSG505 | Operate and monitor gas infrastructure to meet nominated demand | 80 |
| UEGNSG506 | Respond to gas infrastructure emergencies | 80 |
| UEGNSG507 | Remotely monitor and operate gas transmission flow and pressure measuring and regulating devices | 90 |
| UEGNSG614 | Load, unload, exchange and connect LPG cylinders | 45 |
| UEGNSG615 | Fill LPG cylinders | 45 |
| UEGNSG616 | Refurbish gas cylinders | 45 |
| UEGNSG617 | Monitor and control the transfer of bulk LPG | 100 |
| UEGNSG618 | Process liquefied petroleum gas (LPG) | 100 |
| UEGNSG619 | Perform scheduled maintenance on gas processing or storage facilities and equipment | 100 |
| UEGNSG620 | Organise the repair of faults in LPG processing or storage facilities and equipment | 100 |
| UEGNSG621 | Control bulk storage of LPG | 100 |
| UEGNSG622 | Assess the operational capability of gas safety equipment on a delivery vehicle | 40 |
| UEGNSG705 | Disconnect and reconnect small capacity gas meters | 40 |
| UEGNSG706 | Test new residential and small commercial gas installations  | 60 |
| UEGNSG708 | Pressure test residential and small commercial gas installations | 40 |
| UEGNSG711 | Process meter reading information using appropriate technology | 45 |
| UEGNSG712 | Read and record meter readings | 45 |
| UEGNSG713 | Investigate billing exceptions-conditions | 60 |
| UEGNSG714 | Relight Type A gas appliances | 40 |
| UEGNSG804 | Maintain single stage and single run gas flow and pressure control and measuring devices | 80 |
| UEGNSG805 | Maintain multi-stage and multi-run and pressure measuring and regulating devices | 80 |
| UEGNSG806 | Maintain SCADA controlled flow and pressure equipment and electronic gas measurement equipment | 100 |
| UEGNSG807 | Install gas flow, measuring and pressure regulating devices | 80 |
| UEGNSG811 | Monitor and operate complex flow control, measuring and regulating devices for gas distribution | 100 |

CONTACTS AND LINKS

|  |
| --- |
| **Curriculum Maintenance Manager (CMM)** |
| Engineering Industries | The CMM Service is provided on behalf of Higher Education and Skills.CMM Service Executive Officers can assist with questions on payable and nominal hours. | Name: George Adda, Supervising Executive OfficerPostal address: Private Bag 2014 Box Hill Victoria 3128 Phone: +61 3 9286 9880 Email: [g.adda@boxhill.edu.au](file:///C%3A/Users/09059065/AppData/Local/Microsoft/Windows/INetCache/Content.Outlook/U2QALYNO/g.adda%40boxhill.edu.au) |
| **Service Skills Organisation (SSO)** |
| Australian Industry Standards | This SSO is responsible for developing this UEG Gas Industry Training Packageand can be contacted for further information.  | Phone: (03) 9604 7200Email: The Australian Industry Standards website can be found [australianindustrystandards.org.au](https://www.australianindustrystandards.org.au/). |
| **National Register for VET in Australia** |
| Training.gov.au (TGA) | TGA is the Australian government’s official National Register of information on Training Packages, qualifications, courses, units of competency and RTOs. | National Register website can be found at [training.gov.au](http://training.gov.au/). |
| **Australian Government** |
| Department of Employment, Skills, Small and Family Business  | The Commonwealth Department is responsible for national policies and programmes that help Australians access quality vocational education and training.  | The Commonwealth Department of Employment, Skills, Small and Family Business website can be found at [jobs.gov.au](https://www.jobs.gov.au/) |
| **State Government** |
| Department of Education and Training (DET)  | DET is the State Training Authority responsible for supporting implementation of Vocational Education and Training (VET) in Victoria.  | (03) 9637 2000The Victorian Department of Education and Training website can be found at [education.vic.gov.au](http://www.education.vic.gov.au/) |
| **National VET Regulatory Authority** |
| Australian Skills Quality Authority (ASQA) | ASQA is the national regulator for Australia’s VET sector.  | Info line: 1300 701 801 ASQA’s website can be found at [asqa.gov.au](http://www.asqa.gov.au/) |
| **Victorian VET Regulatory Authority** |
| Victorian Registration and Qualifications Authority (VRQA) | The VRQA is a statutory authority responsible for the registration and regulation of Victorian RTOs and for the regulation of apprenticeships and traineeships in Victoria. | (03) 9637 2806 VRQA’s website can be found at [vrqa.vic.gov.au](http://www.vrqa.vic.gov.au/) |
| **Industry Regulatory Bodies** |
| Energy Safe Victoria (ESV)  | Energy Safe Victoria (ESV) The industry Regulatory body can provide advice on licensing, legislative or regulatory requirements that may impact on the delivery of training or the issuance of qualifications in this Training Package. | Phone: (03) 9203 9700 Email: [info@esv.vic.gov.au](file:///C%3A/Users/09059065/AppData/Local/Microsoft/Windows/INetCache/Content.Outlook/U2QALYNO/info%40esv.vic.gov.au) More information is available from [Energy Safe Victoria](https://esv.vic.gov.au/). |
| WorkSafe Victoria | WorkSafe needs to provide written verification before High Risk Work Units can be added to an RTO’s scope of registration | Info line: 1800 136 089 More information is available from [WorkSafe Victoria](https://www.worksafe.vic.gov.au/) |

GLOSSARY

|  |  |
| --- | --- |
| **Code** | Nationally endorsed Training Package qualification code. |
| **Title** | Nationally endorsed Training Package qualification title. |
| **Unit Code** | Nationally endorsed Training Package unit code. |
| **Unit Title** | Nationally endorsed Training Package unit title. |
| **Maximum Payable Hours** | The maximum number of hours the Victorian Government will subsidise under Skills First funding for the achievement of the minimum realistic vocational outcome of the qualification, as determined by the qualification packaging rules.  The Maximum Payable Hours do not cover every possible combination of core and elective units available for a specific qualification.   Minimum payable hours reflect a calculated minimum number of hours that could deliver a minimum realistic vocational outcome, based on efficiencies of contextualisation and integration. |
| **Scope of Registration** | Scope of registration specifies the AQF qualifications and/or units of competency the training organisation is registered to issue and the industry training and/or assessment services it is registered to provide. |
| **Nominal Hours** | Nominal hours reflect the anticipated time taken to deliver and assess the outcomes of a unit of competency excluding unsupervised delivery or the time taken for repeated practical application of skills. Nominal hours are determined by the Victorian State Training Authority (DET) and are primarily developed for funding purposes in Victoria. |