



Australian Government

UEG20118 Certificate II in Gas Supply Industry Operations

Release 1

UEG20118 Certificate II in Gas Supply Industry Operations

Modification History

Release 1. This is the first release of this qualification in the UEG Gas Industry Training Package

Qualification Description

This qualification provides competencies for entry-level gas supply industry activities in transmission, distribution pipeline and cylinder operations and functions as outlined below:

- Distribution pipeline activities, including laying distribution infrastructure (including pipes); developing gas pipeline infrastructure and reading gas meters in industrial, commercial and rural environments, on pipelines, associated facilities and equipment, and control centres.
- Transmission pipeline activities, including right of way preparation, rigging operations, hydrotesting, laying pipelines, operating transmission pipeline construction plant and equipment, and conducting minor mechanical maintenance.
- Gas cylinder operations for domestic and industrial supply of gaseous fuels, including checking, testing, maintaining and filling of gaseous fuel cylinders and the storage, handling, loading, transportation and distribution of cylinders in accordance with the relevant Australian Standards and regulatory requirements.

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

Entry Requirements

There are no entry requirements for this qualification

Packaging Rules

A total of 360 weighting points comprising:

120 core weighting points listed below; plus

240 elective weighting points from the elective units listed below.

Choose a minimum of 240 **weighting points** elective units from the list below, of which between 0 and 60 **weighting points** can be taken from Group A, between 180 and 240 **weighting points** can be taken from Group B, all 240 **weighting points** can be taken from Group B.

Up to 60 weighting points of the elective units Group A, may be selected, with appropriate contextualisation, from any relevant nationally endorsed Training Package or accredited course, provided selected units contribute to the vocational outcome of the qualification. Previously assigned weighting points are listed in the UEG CVIG, if not listed weighting points will be 10 points unless directed from the Gas Industry Reference Committee (IRC). The general elective units must contribute to the vocational outcomes of the qualification.

Where imported units are selected, care must be taken to ensure all prerequisite units specified are complied with.

Where a prerequisite unit is attached to a unit, it is identified by this symbol ⊥.

Core units		Weighting Points
UEGNSG005	Prepare to work in the gas industry	20
UEGNSG132	Carry out basic work activities in a gas industry work environment	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
Group A: Imported and common elective units		Weighting Points
CPCCLDG3001A	Licence to perform dogging	30
CPCCLRG3001A	Licence to perform rigging basic level ⊥ CPCCLDG3001A Licence to perform dogging	40
CPCCWHS1001	Prepare to work safely in the construction industry	10
CPPFES2005A	Demonstrate first attack firefighting equipment	15
HLTAID001	Provide cardiopulmonary resuscitation	10
HLTAID003	Provide first aid	10
HLTAID005	Provide first aid in remote situations	10
HLTWHS005	Conduct manual tasks safely	20
MEM05004C	Perform routine oxy acetylene welding	20
MEM05012C	Perform routine manual metal arc welding	20
MSMWHS110	Follow emergency response procedures	20
MSMWHS205	Control minor incidents	30
MSMWHS216	Operate breathing apparatus	20

MSMWHS217	Gas test atmospheres	30
MSMPER200	Work in accordance with an issued permit	20
MSMPER201	Monitor and control work permits	20
MSMPER202	Observe permit work	20
MSMSUP210	Process and record information	30
MSMSUP240	Undertake minor maintenance	30
MSS402061	Use SCADA systems in operations	30
PMAWHS211	Prepare equipment for emergency response	20
PMAOMIR210	Control evacuation to muster point	20
RIICCM205E	Carry out manual excavation	10
RIICCM206D	Support plant operations	10
RIICCM207D	Spread and compact materials manually	10
RIICCM208D	Carry out basic levelling	10
RIICCM210D	Install trench support	15
RIICRC208D	Lay pipes	40
RIIMPO308E	Conduct tracked dozer operations	40
RIIMPO318E	Conduct civil construction skid steer loader operations	70
RIIWHS202D	Enter and work in confined spaces	30
RIIWHS204D	Work safely at heights	20
RIIWHS205D	Control traffic with stop-slow bat	10
RIISAM201D	Handle resources and infrastructure materials and safely dispose of nontoxic materials	15

RIIWMG203D	Drain and dewater civil construction site	20
TLIB0002	Carry out vehicle inspection	20
TLIC2002	Drive light rigid vehicle	40
TLIC2025	Operate four wheel drive vehicle	40
TLIC3003	Drive medium rigid vehicle	40
TLIC3004	Drive heavy rigid vehicle	40
TLIC3005	Drive heavy combination vehicle	40
TLID2003	Handle dangerous goods/hazardous substances	40
TLID2010	Operate a forklift	40
TLID2016	Load and unload explosives/ and dangerous goods	30
TLID3033	Operate a vehicle-mounted loading crane	40
TLIF2006	Apply accident-emergency procedures	20
TLIF2010	Apply fatigue management strategies	30
TLIF2012	Apply safe procedures when handling/transporting dangerous goods or explosives	30
TLILIC0012	Licence to operate a vehicle loading crane (capacity 10 metre tonnes and above)	40
TLILIC2001	Licence to operate a forklift truck	40
TLILIC2014	Licence to drive a light rigid vehicle	40
TLILIC2015	Licence to drive a medium rigid vehicle	40
TLILIC2016	Licence to drive a heavy rigid vehicle	50
TLILIC3017	Licence to drive a heavy combination vehicle	60
UEENEEC001B	Maintain documentation	20

UEENEED101A	Use computer applications relevant to a workplace └ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace	20
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Group B: Qualification elective units**Weighting Points**

UEENEEE102A	Fabricate, assemble and dismantle utilities industry components └ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace	40
UEENEEE107A	Use drawings, diagrams, schedules, standards, codes and specifications └ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace	40
UEENEEM080A	Report on the integrity of explosion-protected equipment in a hazardous area └ UEENEEG105A Verify compliance and functionality of low voltage general electrical installations └ UEENEEI112A Verify compliance and functionality of instrumentation and control installations └ MEM07001B Perform operational maintenance of machines/equipment └ PMAOPS201B Operate fluid flow equipment	20
UEGNSG004	Locate, prove and protect utility assets	60
UEGNSG006	Use a portable gas detector to locate escape	40
UEGNSG134	Establish a utilities infrastructure work site	60
UEGNSG136	Carry out transmission pipeline construction work activities	60
UEGNSG219	Conduct excavations in the utilities industry	60
UEGNSG221	First on site response to gas pipeline emergencies └ CPPFES2005A Demonstrate first attack firefighting equipment └ HLTAID003 Provide first aid └ UEGNSG141 Apply workplace health and safety regulations, codes and practices in the gas supply industry	90
UEGNSG224	Construct and lay copper and stainless steel gas distribution pipelines	60

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
UEGNSG330	Coat metallic pipelines	80
UEGNSG331	Establish right of way access for transmission pipeline construction	60
UEGNSG332	Undertake hydro-testing for transmission pipeline construction	60
UEGNSG333	Work in proximity of transmission pipeline construction plant and equipment	40
UEGNSG342	Maintain pipeline easements	40
UEGNSG615	Fill LPG cylinders	80
UEGNSG616	Refurbish gas cylinders	80
UEGNSG705	Disconnect and reconnect small capacity gas meters	40
UEGNSG708	Pressure test residential and small commercial gas installations	40
UEGNSG711	Process meter reading information using appropriate technology	40
UEGNSG712	Read and record meter readings	40
UEGNSG714	Relight Type A gas appliances	60
UEGNSG804	Maintain single stage and single run gas flow and pressure control and measuring devices	80
UEPOPS203B	Operate and monitor communications system	20
UEPOPS205B	Conduct minor mechanical maintenance	30
UETTDREL14A	Working safely near live electrical apparatus as a non-electrical worker	40

Qualification Mapping Information

This qualification replaces and is equivalent to UEG20114 Certificate II in Gas Supply Industry Operations

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=6a6c032e-ffcb-4f3d-8063-415efbd261e8>