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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Weighting Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>UEGNSG005</td>
<td>Prepare to work in the gas industry</td>
<td>20</td>
</tr>
<tr>
<td>UEGNSG132</td>
<td>Carry out basic work activities in a gas industry work environment</td>
<td>60</td>
</tr>
<tr>
<td>UEGNSG140</td>
<td>Apply environmental policies and procedures in the utilities industry</td>
<td>20</td>
</tr>
<tr>
<td>UEGNSG141</td>
<td>Apply workplace health and safety regulations, codes and practices in the gas supply industry</td>
<td>20</td>
</tr>
</tbody>
</table>

### Group A: Imported and common elective units

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Weighting Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPCCLDG3001A</td>
<td>Licence to perform dogging</td>
<td>30</td>
</tr>
<tr>
<td>CPCCLRG3001A</td>
<td>Licence to perform rigging basic level ∟ CPCCLDG3001A Licence to perform dogging</td>
<td>40</td>
</tr>
<tr>
<td>CPCCWHS1001</td>
<td>Prepare to work safely in the construction industry</td>
<td>10</td>
</tr>
<tr>
<td>CPPFES2005A</td>
<td>Demonstrate first attack firefighting equipment</td>
<td>15</td>
</tr>
<tr>
<td>HLTAID001</td>
<td>Provide cardiopulmonary resuscitation</td>
<td>10</td>
</tr>
<tr>
<td>HLTAID003</td>
<td>Provide first aid</td>
<td>10</td>
</tr>
<tr>
<td>HLTAID005</td>
<td>Provide first aid in remote situations</td>
<td>10</td>
</tr>
<tr>
<td>HLTWHS005</td>
<td>Conduct manual tasks safely</td>
<td>20</td>
</tr>
<tr>
<td>MEM05004C</td>
<td>Perform routine oxy acetylene welding</td>
<td>20</td>
</tr>
<tr>
<td>MEM05012C</td>
<td>Perform routine manual metal arc welding</td>
<td>20</td>
</tr>
<tr>
<td>MSMWHS110</td>
<td>Follow emergency response procedures</td>
<td>20</td>
</tr>
<tr>
<td>MSMWHS205</td>
<td>Control minor incidents</td>
<td>30</td>
</tr>
<tr>
<td>MSMWHS216</td>
<td>Operate breathing apparatus</td>
<td>20</td>
</tr>
<tr>
<td>Code</td>
<td>Description</td>
<td>Value</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------------------------------------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>MSMWHS217</td>
<td>Gas test atmospheres</td>
<td>30</td>
</tr>
<tr>
<td>MSMPER200</td>
<td>Work in accordance with an issued permit</td>
<td>20</td>
</tr>
<tr>
<td>MSMPER201</td>
<td>Monitor and control work permits</td>
<td>20</td>
</tr>
<tr>
<td>MSMPER202</td>
<td>Observe permit work</td>
<td>20</td>
</tr>
<tr>
<td>MSMSUP210</td>
<td>Process and record information</td>
<td>30</td>
</tr>
<tr>
<td>MSMSUP240</td>
<td>Undertake minor maintenance</td>
<td>30</td>
</tr>
<tr>
<td>MSS402061</td>
<td>Use SCADA systems in operations</td>
<td>30</td>
</tr>
<tr>
<td>PMAWHS211</td>
<td>Prepare equipment for emergency response</td>
<td>20</td>
</tr>
<tr>
<td>PMAOMIR210</td>
<td>Control evacuation to muster point</td>
<td>20</td>
</tr>
<tr>
<td>RIICCM205E</td>
<td>Carry out manual excavation</td>
<td>10</td>
</tr>
<tr>
<td>RIICCM206D</td>
<td>Support plant operations</td>
<td>10</td>
</tr>
<tr>
<td>RIICCM207D</td>
<td>Spread and compact materials manually</td>
<td>10</td>
</tr>
<tr>
<td>RIICCM208D</td>
<td>Carry out basic levelling</td>
<td>10</td>
</tr>
<tr>
<td>RIICCM210D</td>
<td>Install trench support</td>
<td>15</td>
</tr>
<tr>
<td>RIICRC208D</td>
<td>Lay pipes</td>
<td>40</td>
</tr>
<tr>
<td>RIIMPO308E</td>
<td>Conduct tracked dozer operations</td>
<td>40</td>
</tr>
<tr>
<td>RIIMPO318E</td>
<td>Conduct civil construction skid steer loader operations</td>
<td>70</td>
</tr>
<tr>
<td>RIIWHS202D</td>
<td>Enter and work in confined spaces</td>
<td>30</td>
</tr>
<tr>
<td>RIIWHS204D</td>
<td>Work safely at heights</td>
<td>20</td>
</tr>
<tr>
<td>RIIWHS205D</td>
<td>Control traffic with stop-slow bat</td>
<td>10</td>
</tr>
<tr>
<td>RIISAM201D</td>
<td>Handle resources and infrastructure materials and safely dispose of nontoxic materials</td>
<td>15</td>
</tr>
</tbody>
</table>
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  

**Group B: Qualification elective units**

<table>
<thead>
<tr>
<th>Unit ID</th>
<th>Description</th>
<th>Weighting Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>UEENEEE102A</td>
<td>Fabricate, assemble and dismantle utilities industry components</td>
<td>40</td>
</tr>
<tr>
<td>UEENEEE107A</td>
<td>Use drawings, diagrams, schedules, standards, codes and specifications</td>
<td>40</td>
</tr>
<tr>
<td>UEEENEM080A</td>
<td>Report on the integrity of explosion-protected equipment in a hazardous area</td>
<td>20</td>
</tr>
<tr>
<td>UEGNSG004</td>
<td>Locate, prove and protect utility assets</td>
<td>60</td>
</tr>
<tr>
<td>UEGNSG006</td>
<td>Use a portable gas detector to locate escape</td>
<td>40</td>
</tr>
<tr>
<td>UEGNSG134</td>
<td>Establish a utilities infrastructure work site</td>
<td>60</td>
</tr>
<tr>
<td>UEGNSG136</td>
<td>Carry out transmission pipeline construction work activities</td>
<td>60</td>
</tr>
<tr>
<td>UEGNSG219</td>
<td>Conduct excavations in the utilities industry</td>
<td>60</td>
</tr>
<tr>
<td>UEGNSG221</td>
<td>First on site response to gas pipeline emergencies</td>
<td>90</td>
</tr>
<tr>
<td>UEGNSG224</td>
<td>Construct and lay copper and stainless steel gas distribution pipelines</td>
<td>60</td>
</tr>
<tr>
<td>Code</td>
<td>Task</td>
<td>Value</td>
</tr>
<tr>
<td>------------</td>
<td>------------------------------------------------------------------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>UEGNSG226</td>
<td>Assist with the construction, laying and connection of gas distribution services to mains</td>
<td>40</td>
</tr>
<tr>
<td>UEGNSG227</td>
<td>Assist with the construction and laying of gas distribution mains</td>
<td>40</td>
</tr>
<tr>
<td>UEGNSG330</td>
<td>Coat metallic pipelines</td>
<td>80</td>
</tr>
<tr>
<td>UEGNSG331</td>
<td>Establish right of way access for transmission pipeline construction</td>
<td>60</td>
</tr>
<tr>
<td>UEGNSG332</td>
<td>Undertake hydro-testing for transmission pipeline construction</td>
<td>60</td>
</tr>
<tr>
<td>UEGNSG333</td>
<td>Work in proximity of transmission pipeline construction plant and equipment</td>
<td>40</td>
</tr>
<tr>
<td>UEGNSG342</td>
<td>Maintain pipeline easements</td>
<td>40</td>
</tr>
<tr>
<td>UEGNSG615</td>
<td>Fill LPG cylinders</td>
<td>80</td>
</tr>
<tr>
<td>UEGNSG616</td>
<td>Refurbish gas cylinders</td>
<td>80</td>
</tr>
<tr>
<td>UEGNSG705</td>
<td>Disconnect and reconnect small capacity gas meters</td>
<td>40</td>
</tr>
<tr>
<td>UEGNSG708</td>
<td>Pressure test residential and small commercial gas installations</td>
<td>40</td>
</tr>
<tr>
<td>UEGNSG711</td>
<td>Process meter reading information using appropriate technology</td>
<td>40</td>
</tr>
<tr>
<td>UEGNSG712</td>
<td>Read and record meter readings</td>
<td>40</td>
</tr>
<tr>
<td>UEGNSG714</td>
<td>Relight Type A gas appliances</td>
<td>60</td>
</tr>
<tr>
<td>UEGNSG804</td>
<td>Maintain single stage and single run gas flow and pressure control and measuring devices</td>
<td>80</td>
</tr>
<tr>
<td>UEPOPS203B</td>
<td>Operate and monitor communications system</td>
<td>20</td>
</tr>
<tr>
<td>UEPOPS205B</td>
<td>Conduct minor mechanical maintenance</td>
<td>30</td>
</tr>
<tr>
<td>UETTDREL14A</td>
<td>Working safely near live electrical apparatus as a non-electrical worker</td>
<td>40</td>
</tr>
</tbody>
</table>
Qualification Mapping Information

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

Links