



Australian Government

Assessment Requirements for UEGNSG618 Process liquefied petroleum gas (LPG)

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the UEG Gas Training Package.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions on at least two separate occasions and include:

- applying relevant industry standards, guidelines, codes of practice and regulations
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including:
 - hazard identification and reporting
 - implementing risk control measures
 - selecting and using correct personal protective equipment (PPE)
 - work safely with hazardous materials and equipment
- applying sustainable energy and environmental principles and practices
- communicating with relevant person/s
- completing shutdown
- completing work and relevant documentation
- conducting quality and safety checks
- connecting pipelines and hoses
- dealing with unplanned events/situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
- following procedures for emergency response, including:
 - equipment failure
 - gas leaks and fire
 - hazards and incidents
- following workplace procedures
- identifying and reporting anomalies
- isolating and de-energising systems
- monitoring and adjusting controls
- obtaining and complying with relevant work permits/authorisations
- obtaining and using relevant equipment, including
 - control and monitoring equipment
 - mixing/sampling equipment
 - pumps

- valves
- vessels
- operating valves in correct sequence
- preparing to process liquefied petroleum gas (LPG)
- processing LPG
- reporting anomalies.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions and include knowledge of:

- compliance requirements
- equipment/tools, including:
 - analytical judgements for appropriate adjustments to plant and equipment
 - types, selection, manufacturer specifications/instructions, testing and set up
 - variations and irregularities identification
- fault-finding and troubleshooting techniques
- hazardous activities, including lifting, climbing, working in confined spaces or aloft, and use of power tools
- LPG processing, including:
 - requirements, applications, methods and procedures
 - gas analysis equipment
 - gas alarm and communication equipment
- oral and written communication techniques
- product specifications and quality assurance documentation
- quality and safety checks
- relevant industry standards, guidelines, codes of practice and regulations
- relevant manufacturer specifications
- relevant safe work method statements (SWMS)/job safety assessments or risk mitigation processes
- relevant WHS/OHS legislated requirements, including:
 - emergency response equipment and procedures
 - environmental and sustainable energy principles and practices
 - hazard warnings and safety signs
 - hazardous materials
 - hazards, risk assessment and control measures
 - responding to emergency and accident situations
 - safe manual handling techniques
 - use of spill kits and PPE
- relevant work permits/authorisations

- relevant workplace policies and procedures
- relevant workplace reporting requirements and documentation
- shutdown procedures
- workplace quality requirements and specifications.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment.

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Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or other simulations
- relevant and appropriate materials, tools, equipment and PPE currently used in industry
- applicable documentation, including workplace procedures, equipment specifications, regulations, codes of practice and operation manuals.

Links

Companion Volume Implementation Guides are found in VETNet -

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