



Australian Government

Assessment Requirements for UEGNSG612 Supervise technical operations for liquefied petroleum gas storage and processing

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the UEG Gas Industry 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 permit to work system, including permits and limitations, including:
 - identifying applicable organisational permit to work systems
 - demonstrating application of an organisational permit to work system
- applying relevant industry standards, guidelines, codes of practice, legislation and regulations
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) and associated legislative requirements, including:
 - hazard identification and reporting
 - implementing risk control measures
 - selecting and using correct personal protective equipment (PPE)
 - working safely with hazardous materials and equipment
- applying sustainable energy and environmental principles and practices
- communicating effectively with relevant stakeholders
- completing relevant documentation, reports and records
- conducting briefings
- conducting inductions
- conducting quality and safety checks
- dealing with unplanned events/situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
- finalising technical operations
- following workplace procedures
- inspecting and testing equipment
- interpreting technical drawings
- monitoring equipment and pipeline operations
- obtaining and signing off relevant work permits
- preparing to supervise LPG operations
- supervising operations including LPG staff, activities and procedures
- working safely in a liquefied petroleum gas (LPG) environment
- working within budget.

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:

- assess and control odourant levels for LPG processing
- correct waste management procedures
- effective communication, including:
 - appropriate workplace colleague and third-party communication
 - relevant organisational and regulatory requirements in workplace communications
 - communication networks
- equipment and pipeline operating conditions
- fault-finding and troubleshooting techniques
- forecasting expenditure
- gaseous fuel storage technical operations
- hazardous activities, including lifting, climbing, working in confined spaces or aloft, and use of power tools
- industrial awards and employee entitlements
- inspecting and testing procedures
- operation of plant and equipment used in the LPG environment
- organisational procedures for the testing, diagnosing and rectification of faults
- problem-solving techniques
- relevant manufacturer specifications
- relevant safe work method statements (SWMS)/job safety assessments or risk mitigation processes
- relevant WHS/OHS legislated requirements
- relevant workplace documentation
- relevant workplace policies and procedures
- repair and maintenance requirements
- technical drawings
- using emergency equipment and dealing with emergencies
- working safely in an LPG environment, including:
 - emergency response equipment and procedures
 - hazard identification and reporting
 - properties of LPG
 - safety signs, including workplace hazards and warnings
 - working safely in accordance with procedures, WHS/OHS, emergency and environmental requirements.

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>