



Australian Government

**Assessment Requirements for UEGNSG306
Control gas processing, storage or
regasification operations in an LNG storage
facility**

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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 and performance criteria on at least two separate occasions and include:

- applying relevant fault-finding and troubleshooting techniques
- applying relevant industry standards, guidelines, codes of practice and regulations
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including:
 - emergency response procedures
 - sustainable energy and environmental principles and practices
 - hazard identification and reporting
 - implementing risk control measures
- communicating and coordinating with relevant stakeholders
- completing relevant reports and documentation
- controlling processing, storage or regasification operations
- dealing with unplanned events
- following workplace procedures, including:
 - emergency shutdown procedures
 - reporting procedures
 - standard operating procedures
- interpreting relevant drawings, plans and material lists
- isolating systems
- obtaining and complying with relevant work permits
- operating relevant control systems
- performing quality and safety checks
- planning control of processing, storage or regasification operations
- recording relevant information
- shutting down operations.

Knowledge Evidence

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

- alarm codes and control logics
- communicating in an LNG storage facility
- emergency response procedures, including shutdown procedures
- gas industry Process and Instrumentation Diagrams, plans and material lists
- gas industry products, processes and characteristics
- plant and equipment in an LNG storage facility, including:
 - alarm and communication equipment
 - compressors or pumps
 - fittings
 - gas analysis equipment
 - hand tools
 - heat exchangers
 - leak detection equipment
 - personal protective equipment
 - pipes, fitting and hoses
 - testing equipment
- properties of LNG
- relevant manufacturer specifications
- relevant permit to work systems
- relevant safe work method statements (SWMS)/job safety assessments or risk mitigation processes
- relevant stakeholders
- relevant technical drawings
- relevant WHS/OHS legislated requirements, including:
 - applicable emergency equipment and procedures
 - environmental and sustainable energy principles and practices
 - hazards, risk assessment and control measures
- relevant workplace documentation and schedules
- relevant workplace policies and procedures, including re-gasification procedures.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in suitable workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in suitable 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 simulations
- relevant and appropriate materials, tools, equipment and personal protective equipment (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>