



**Australian Government**

**Assessment Requirements for UEGNSG111  
Produce maintenance strategies and plans  
for a gas facility**

**Release: 1**

# Assessment Requirements for UEGNSG111 Produce maintenance strategies and plans for a gas facility

## 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 engineering and maintenance principles
- applying planning skills
- applying problem-solving skills
- applying relevant industry standards, guidelines, codes of practice and regulations
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements and legislations, including:
  - hazard identification and reporting
  - implementing risk control measures
  - working safely with hazardous materials and equipment
  - workplace, site safety and emergency response procedures
- applying sustainable energy and environmental principles and practices
- communicating with relevant stakeholders
- dealing with unplanned events/situations in accordance with workplace procedures, in a manner that minimises risk to personnel and equipment
- determining strategies to implement a maintenance plan
- identifying maintenance plan variances and making relevant changes
- implementing and documenting maintenance strategy
- researching and planning to implement new strategies
- reviewing existing strategies
- reviewing workplace and site plans.

## 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:

- budgetary requirements
- conflict resolution techniques

- coordination of maintenance activities
- effective communication techniques
- emergency management concepts and principles
- engineering and maintenance principles
- legal implications
- maintenance and economic costs
- maintenance philosophies
- maintenance plans
- maintenance scheduling
- planning of scheduled and non-scheduled maintenance of applicable gas infrastructure
- problem solving and decision-making techniques
- project management techniques in maintenance planning and implementation, including gas industry projects
- quality and safety checks
- relevant industry standards, guidelines, codes of practice and regulations
- relevant manufacturer specifications
- relevant stakeholders, including:
  - authorised persons, authorities, clients, tenants and land owners
  - plant operators, contractors
  - internal colleagues
- relevant WHS/OHS legislated requirements, including:
  - hazards, risk assessment and control measures
  - environmental and sustainable energy principles and practices
  - personal protective equipment (PPE)
  - reporting hazards, including hazardous events
  - responding to emergencies and unplanned events
- relevant workplace documentation, including site plans
- relevant workplace policies and procedures
- techniques for utilities industry supervision/management
- workplace operational and maintenance strategies.

## 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>