



Australian Government

Assessment Requirements for UEGNSG115 Manage gas systems projects

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:

- allocating tasks to relevant personnel
- analysing relevant data
- 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)
- applying sustainable energy and environmental principles and practices
- communicating effectively with relevant stakeholders
- completing relevant workplace documentation, including completing project records/reports
- dealing with unplanned events/situations in accordance with workplace procedures, in a manner that minimises risk to personnel and equipment planning to manage gas system projects
- developing and implementing a communications strategy
- following authorisation requirements and technical standards requirements
- identifying and obtaining relevant work permits and licences
- identifying performance measures
- implementing and managing project plan
- negotiating project variations with stakeholders
- preparing progress reports and strategic plans
- preparing project schedule and administration plan
- preparing project scope and tender documents
- undertaking final inspections
- undertaking relevant project testing.

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:

- analysing and comparing data
- applicable permit to work system, including types of permit limitations
- applying permit to work system, including permits and limitations and applicable organisational permit to work systems
- chemical and physical behaviours of gas
- environmental and legislative requirements, including cultural sensitive issues
- manage gas industry maintenance, including gas industry operations
- performance measures
- planning for, responding to and managing emergencies
- principles of gas flow and gas metering
- problem-solving techniques
- project management plans and schedules, including project management techniques
- relevant safe work method statements (SWMS)/job safety assessments or risk mitigation processes
- relevant WHS/OHS legislated requirements, including site-specific safety legislation and safety requirements
- relevant workplace data, including incident and environmental monitoring to evaluate the effectiveness of the WHS/OHS management system
- relevant workplace documentation
- relevant workplace policies and procedures
- review and report on completed work
- stakeholder relations
- techniques to plan and carry out project management.

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>