



Australian Government

Assessment Requirements for UEGNSG117 Plan and implement the data acquisition and metering requirements of a gas system

Release: 1

Assessment Requirements for UEGNSG117 Plan and implement the data acquisition and metering requirements of a gas system

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:

- analysing relevant workplace data
- applying relevant industry standards, guidelines, codes of practice, legislation and regulations
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements
- applying sustainable energy and environmental principles and practices
- commissioning data collection and metering system
- 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 metering equipment and maintenance requirements
- employing correct waste management procedures
- following workplace procedures
- planning data acquisition and metering requirements of a gas system
- reviewing and reporting on completed work.

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:

- relevant workplace data
- chemical and physical behaviours of gas
- commission/decommission pipelines and cathodic protection principles
- communicate effectively
- data acquisition and metering requirements
- environmental and sustainable energy principles and practices
- permit to work system, including types of permit limitations
- relevant industry standards, guidelines, codes of practice, legislations and regulations

- relevant manufacturer specifications
- relevant safe work method statements/job safety assessments or risk mitigation processes
- relevant WHS/OHS legislated requirements
- relevant workplace documentation
- relevant workplace policies and procedures
- reviewing and reporting requirements for completed work
- stakeholder relations
- supervisory control and data acquisition (SCADA) system operations
- utility and gas industry metering technical systems and processes
- waste management procedures.

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 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>