



Australian Government

Assessment Requirements for UEGNSG344 Commission or decommission gas transmission pipelines

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 relevant industry standards, guidelines, codes of practice and regulations
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including:
 - ensuring emergency response procedures are in place
 - hazard identification and reporting
 - implementing risk control measures
 - working safely with hazardous materials and equipment
- applying sustainable energy and environmental principles and practices
- interpreting technical drawings, plans and materials lists
- communicating with relevant person/s, authorities and stakeholders
- completing work and relevant documentation
- commissioning/decommissioning gas transmission pipelines
- using relevant tools, equipment, measuring devices, personal protective equipment (PPE) and materials
- dealing with unplanned events/situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
- rehabilitating and maintaining a clean work site
- obtaining approvals from authorities and signing off work permits
- conducting final inspections of work
- planning to commission/decommission gas transmission pipelines
- inspecting and testing to identify faults
- following workplace procedures
- conducting quality and safety checks
- obtaining relevant work permits
- applying problem-solving techniques
- positioning road signs, barriers and warning devices
- isolating and de-energising systems.

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 stakeholders, including:
 - authorised persons, authorities, clients and land owners
 - plant operators and contractors
- hazardous activities, including lifting, climbing, working in confined spaces or aloft, and use of power tools
- transmission pipeline commissioning and decommissioning
- relevant industry standards, guidelines, codes of practice and regulations
- relevant WHS/OHS legislated requirements, including:
 - hazards, risk assessment and control measures
 - environmental and sustainable energy principles and practices
 - hazard warnings and safety signs
 - PPE
- site preparation
- pipeline and component specifications
- relevant tools and testing equipment
- procedures for testing, adjusting and repairing systems
- relevant workplace policies and procedures
- fitting bypass apparatus ensuring continuity of supply
- procedures for checking pipework is ready, including testing and pigging
- procedures for testing of pipelines
- relevant manufacturer specifications
- relevant workplace documentation, recording and reporting
- relevant work permits and/or notifications
- effective communication techniques
- fault-finding and troubleshooting techniques
- quality and safety checks
- relevant technical drawings, plans, material lists
- isolating/de-energising systems
- cleaning, pigging and bypassing pipeline procedures
- traffic management plan
- final inspection 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 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>