



Australian Government

Assessment Requirements for UEGNSG304 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 work health and safety (WHS)/occupational health and safety (OHS) requirements, including:
 - ensuring emergency response procedures are in place
 - identifying and reporting hazards
 - implementing risk control measures
 - working safely with hazardous materials and equipment
- applying problem-solving techniques
- applying sustainable energy and environmental principles and practices
- commissioning/decommissioning gas transmission pipelines
- communicating with relevant person/s, authorities and stakeholders
- completing work and relevant documentation
- complying with regulations, industry standards, legislative requirements, codes of practice, manufacturers' recommendations and specifications, and environmental requirements
- conducting final inspections of work
- conducting quality and safety checks
- dealing with unplanned events/situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
- following workplace procedures
- inspecting and testing to identify faults
- interpreting technical drawings, plans and materials lists
- obtaining approvals from authorities and signing off work permits
- obtaining relevant work permits
- planning to commission/decommission gas transmission pipelines
- positioning road signs, barriers and warning devices
- rehabilitating and maintaining a clean work site
- using relevant tools, equipment, measuring devices, personal protective equipment (PPE) and materials
- 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:

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

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 workplace operational situations only 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>