



**Australian Government**

**Assessment Requirements for UEGNSG332  
Undertake hydro-testing for transmission  
pipeline construction**

**Release: 1**

# Assessment Requirements for UEGNSG332 Undertake hydro-testing for transmission pipeline construction

## 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 relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including:
  - hazard identification and reporting
  - implementing risk control measures
- applying relevant industry standards, guidelines, codes of practice and regulations
- applying sustainable energy and environmental principles and practices
- cleaning and storing tools, equipment, machinery and plant
- completing hydro-testing activities and relevant documentation
- dealing with unplanned events
- following manufacturer instructions
- following workplace policies and procedures
- inspecting and assessing easement
- isolating work area
- making recommendations to assist with testing
- minimising waste
- obtaining and interpreting relevant plans, drawings, diagrams and schedules
- obtaining job requirements, work instructions, safety plans and work schedules
- operating in a safe manner
- performing quality and safety checks
- preparing for hydro-testing for transmission pipeline construction
- referring third-party issues
- rehabilitating and maintaining a clean and safe work site
- selecting, testing and operating correct tools, plant, equipment, personal protective equipment (PPE) and machinery
- understanding and responding to instructions from relevant person/s
- undertaking hazardous activities in a safe manner
- undertaking hydro-testing of transmission pipeline construction.

## 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:

- effective communication techniques
- equipment, tools, materials and plant for hydro-testing
- first aid, emergency and safety procedures for incidents
- fundamentals of hydro-testing
- hydro-testing requirements and procedures
- problem-solving techniques
- quality and safety checks
- relevant industry standards, guidelines, legislation, codes of practice and regulations
- relevant manufacturer instructions
- relevant materials, plans, diagrams, drawings and resources
- relevant safety and environmental hazards and risk mitigation measures
- relevant tools, equipment and PPE
- relevant WHS/OHS legislated requirements
- relevant work permits/authorisations
- relevant workplace documentation
- relevant workplace policies and procedures
- remedial actions with hydro-testing
- site preparation, safety plans, job requirements and work schedules
- sustainable energy and environment principles and practices
- techniques to inspect and test easements
- techniques to isolate work area
- techniques to minimise waste
- third-party issues
- work site rehabilitation.

## 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>