



**Australian Government**

# **Assessment Requirements for UEGNSG026**

## **Perform routine maintenance on distribution pipelines and facilities**

**Release: 1**

# Assessment Requirements for UEGNSG026 Perform routine maintenance on distribution pipelines and facilities

## 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 problem-solving techniques
- applying relevant industry standards, guidelines, codes of practice and regulations
- applying relevant workplace safety requirements, including:
  - working safely with hazardous materials and equipment
  - identifying and reporting hazards
  - implementing risk control measures
  - selecting and using correct personal protective equipment (PPE)
- applying sustainable energy and environmental principles and practices
- communicating with authorities and stakeholders
- completing work and relevant documentation
- conducting quality checks
- dealing with unplanned events/situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
- following work schedule, safety plan and job requirements
- following workplace procedures
- interpreting technical drawings, plans and materials lists
- isolating, depressurising, tagging and locking out facilities/equipment
- obtaining relevant resources, tools, equipment and materials to conduct the work
- obtaining relevant work permits
- performing routine maintenance on distribution pipeline facilities and equipment
- positioning road signs, barriers and warning devices
- preparing and planning for routine maintenance on distribution pipeline facilities and equipment
- rehabilitating and maintaining a clean worksite
- reporting anomalies.

## 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:

- communication and recording/reporting documentation requirements and procedures
- de-isolation of all sources of energy, removal of tags and locks and return to normal operation requirements and procedures
- fault management during routine maintenance
- hazardous activities, including:
  - lifting, climbing, working in confined spaces and aloft, and use of power tools
- isolation, depressurisation, tagging and lock-out of pipeline facilities and equipment requirements and procedures, including:
  - valves, flanges, fittings, markers and signs
- maintenance activities requirements and procedures
- manufacturer specifications, manuals, part lists, calibration forms and checklists
- pipeline laying, joining and stop-off techniques
- quality checks
- relevant industry standards, guidelines, codes of practice and regulations
- relevant tools, equipment and instruments
- relevant work permits
- relevant workplace documentation
- relevant workplace policies and procedures
- relevant workplace safety requirements, including:
  - legislated work health and safety (WHS)/occupational health and safety (OHS) requirements
  - legislated industry/technical specific requirements
  - workplace safety procedures
  - manufacturer requirements
- site preparation, safety plans, job requirements and work schedules
- traffic management plans
- types of pipelines, facilities and equipment to be inspected and tested.

## 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>