



Australian Government

Assessment Requirements for UEGNSG308

Identify, evaluate and control threats to 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 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:
 - maintaining a safe and clean workplace
 - working safely with hazardous materials and equipment
 - applying safe manual handling techniques
 - hazard identification and reporting
 - implementing risk control measures
 - selecting and using correct personal protective equipment (PPE)
 - ensuring emergency response procedures are in place
- applying negotiation skills
- applying problem-solving techniques
- applying relevant industry standards, guidelines, codes of practice, legislation and regulations
- applying sustainable energy and environmental principles and practices
- communicating effectively with relevant stakeholders
- completing work and relevant documentation
- 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 policies and procedures
- identifying, evaluating and controlling threats to the integrity of transmission pipelines
- inspecting and testing pipelines
- interpreting technical drawings and plans
- obtaining and signing off relevant work permits
- obtaining relevant resources, tools, equipment and materials
- operating a gas detector and pipe locator
- planning to identify and evaluate control threats to a transmission pipeline
- rehabilitating work site
- reviewing, recording and reporting on threats to a transmission pipeline.

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:

- as installed/modified drawings
- computer use for report writing and communication
- fault-finding and troubleshooting techniques
- gas industry products, processes and characteristics
- hazardous activities, including lifting, climbing, working in confined spaces or aloft, and use of power tools
- inspection and testing procedures
- negotiation techniques
- problem-solving, decision-making and conflict resolution techniques
- quality and safety checks
- relevant authorities or enterprises to contact regarding the location of other utilities services
- relevant industry standards, guidelines, codes of practice, legislation and regulations
- relevant manufacturer specifications
- relevant resources and operation of tools, equipment, materials and PPE
- relevant stakeholders, including:
 - authorised persons, authorities, clients, tenants and land owners
 - workplace colleagues and managers
 - relevant customers and suppliers
 - regulatory bodies
 - emergency response organisations
- relevant technical drawings and plans
- relevant workplace documentation, records and reports
- relevant workplace policies and procedures
- relevant WHS/OHS legislated requirements, including:
 - hazards, risk assessment and control measures
 - environmental and sustainable energy principles and practices
- required work permits
- transmission pipeline system operating parameters
- written and oral communicating techniques.

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>