



Australian Government

Assessment Requirements for UEGNSG311 Site control of third party works in the vicinity of a transmission pipeline

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 planning skills
- applying relevant industry standards, guidelines, codes of practice and regulations
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including:
 - applying safe manual handling techniques
 - ensuring emergency response procedures are in place
 - hazard identification and reporting
 - implementing risk control measures
 - maintaining a safe and clean workplace
 - conducting negotiations
 - working safely with hazardous materials and equipment
 - selecting and using correct personal protective equipment (PPE)
- applying sustainable energy and environmental principles and practices
- communicating effectively in the workplace
- completing relevant documentation, records, reports and drawings
- completing site control of third-party works
- conducting and monitoring site control of third-party works
- conducting briefings and inductions
- conducting quality and safety checks
- contacting relevant organisations to determine utility service locations
- controlling threats to the integrity of transmission pipelines
- coordinating third parties
- dealing with unplanned events
- following workplace procedures
- identifying and evaluating threats to the integrity of transmission pipelines
- inspecting and testing
- interpreting technical drawings and plans

- obtaining and signing off relevant work permits
- operating pipe locator
- planning to undertake site control of third-party works in the vicinity of 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:

- coatings for corrosion protection
- communication techniques at a supervisory level
- construction and excavation machinery
- effective operation of gas industry plant, equipment and materials
- environment protection procedures
- environmental and sustainable energy principles and practices
- external interference physical and procedural protection measures
- fault-finding and troubleshooting techniques
- gas industry drawings
- gas industry products, processes and characteristics
- gas industry reports, forms and documentation
- hazardous activities, including lifting, climbing, working in confined spaces and aloft, and use of power tools
- problem-solving techniques
- properties of gas and petrochemical liquids
- relevant industry standards, guidelines, codes of practice and regulations
- relevant manufacturer specifications
- relevant safe work method statements (SWMS)/job safety assessments or risk mitigation processes
- relevant WHS/OHS legislated requirements, including:
 - hazardous materials and the equipment and processes used to safely work with these
 - responding to emergency and accident situations
 - safe manual handling techniques in the workplace
 - working safely in the gas industry by reducing risk and using correct PPE
- relevant work permits
- relevant workplace forms and reports
- relevant workplace policies and procedures
- requirements and techniques for safe excavations
- requirements for safe loading on a pipeline
- requirements for safe use of explosives near a pipeline
- requirements for safe use vibrating rollers in the vicinity of a pipeline
- selection, use and application of materials
- topographical maps and information

- transmission pipeline third parties
- work activity requirements
- working in the gas sector.

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>