



Australian Government

Assessment Requirements for UEGNSG215 Coordinate construction, laying and testing of gas distribution 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
- hazard identification and reporting
- implementing risk control measures
- selecting and using correct personal protective equipment (PPE)
- working safely with hazardous materials and equipment
- attaining relevant work permits
- communicating schedules to coordinate person/s
- communicating with other authorities and relevant stakeholders
- completing gas distribution pipeline construction, laying and testing coordination
- completing relevant documentation records and reports
- complying with regulations, industry standards, legislative requirements, codes of practice, manufacturers' recommendations and specifications, and environmental requirements
- conducting quality and safety checks
- conducting site inspections
- coordinating construction, laying and testing of pipelines
- dealing with unplanned events/situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
- obtaining and complying with relevant workplace procedures
- performing final inspections
- positioning road signs, barriers and warning devices
- preparing to coordinate pipeline installation
- rehabilitating and maintaining a clean work site
- returning pipeline to service
- using relevant equipment and tools
- verifying location of other services.

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:

- coordination of resources
- compatibility of materials
- effective communication techniques
- final inspections of pipeline processes
- hazardous activities, including:
 - lifting, climbing, working in confined spaces or aloft, and use of power tools
- isolation and de-isolation systems
- location of other services
- planning techniques to coordinate pipeline installation
- problem-solving techniques
- range of materials and jointing techniques relevant to environment and conditions
- regulations, industry standards, legislative requirements, codes of practice, manufacturers' recommendations and specifications, and environmental requirements
- relevant person/s, equipment, tools and processes required for the work
- relevant workplace documentation, records and reports
- relevant workplace policies and procedures
- required work permits
- site preparation, site inspections, secure work area, safety plans and safety checks
- techniques to coordinate construction, laying and insert pipelines and associated equipment
- relevant WHS/OHS legislated requirements, including:
 - applicable emergency procedures
- environmental and sustainable energy principles and practices
- hazard warnings and safety signs
- hazardous materials
- hazards, risk assessment and control measures
- job safety assessments
- PPE
- site reinstatement/ return to service
- traffic management plans.

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 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>