



Australian Government

Assessment Requirements for UEGNSG303 Carry out transmission pipeline construction work activities

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:
 - 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, including minimising waste
- carrying out transmission pipeline construction work activities
- choosing and checking the appropriate equipment, plant, tools, measuring devices and PPE for transmission construction work
- cleaning and storing tools, equipment and measuring devices
- communicating in a team environment
- completing work activities and relevant documentation
- complying with relevant regulations, industry standards, legislative requirements, codes of practice, manufacturers' recommendations and specifications, and environmental requirements
- dealing with unplanned events and providing appropriate solutions in accordance with workplace procedures
- following workplace policies and procedures
- identifying, selecting and using appropriate equipment, tools and measuring devices
- maintaining a clean and safe work site
- obtaining and interpreting relevant plans, drawings and diagrams
- obtaining job requirements, work instructions, safety plan and work schedule
- performing quality and safety checks
- preparing to carry out transmission pipeline construction work activities
- reading and interpreting workplace documents
- undertaking hazardous activities in a safe manner.

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:

- communication protocols
- environmental and sustainable energy principles and practices
- hazards and hazardous activities in the workplace
- quality and safety checks
- relevant equipment, plant, tools, measuring devices and PPE for transmission construction work
- relevant materials, safety data sheets (SDS), plans, diagrams, drawings and resources
- relevant regulations, industry standards, legislative requirements, codes of practice, manufacturers' recommendations and specifications, and environmental requirements
- relevant safety and environmental hazards and risk mitigation measures
- relevant technical standards
- relevant WHS/OHS legislated requirements
- relevant work permits and/or notifications
- relevant workplace documentation
- relevant workplace policies and procedures
- site preparation, safety plans job requirements and work schedules
- techniques to minimise waste
- transmission pipeline construction activity lifecycle
- transmission pipeline construction activities, including:
 - cathodic protection components
 - directional drilling
 - hydro testing
 - pipeline coating and coating testing
 - shoring
 - slinging
 - trenching
 - welding.

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>