



Australian Government

**Assessment Requirements for UEGNSG325
Coordinate the operation of relevant plant
and equipment for transmission pipeline
construction**

Release: 1

Assessment Requirements for UEGNSG325 Coordinate the operation of relevant plant and equipment for transmission pipeline construction

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 industry standards, guidelines, codes of practice, legislation and regulations
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including:
 - correctly selecting and using personal protective equipment (PPE)
 - hazard identification and reporting
 - implementing risk control measures
- communicating with relevant stakeholders
- completing work and relevant documentation, reports, data sheets and records
- complying with permits pertaining to transmission pipeline construction operations
- complying with relevant cultural and heritage requirements
- dealing with and reacting to a variety of contingencies, including rain and transport of plant and equipment
- dealing with unplanned events/situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
- inspecting and constructing easements
- isolating work area
- monitoring the effective use of plant and equipment
- operating relevant plant and equipment for transmission pipeline construction
- organising equipment according to the needs of the project incorporating environmental/geological constraints
- preparing for transmission pipeline construction
- rehabilitating work site.

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:

- capability and capacity of gas industry transmission pipeline construction plant and equipment across variable terrain and environment
- dealing with contingencies
- easement construction
- effective communication on a gas transmission pipeline construction site (between operators and ground crew)
- fault-finding and troubleshooting techniques
- hazardous activities, including lifting, climbing, working in confined spaces, excavations, trenches and aloft, and use of power tools
- how plant and equipment react in a variety of terrain and climates
- on-site pipeline construction communication strategies and techniques
- operation of transmission pipeline construction plant and equipment
- plant and equipment required for transmission pipeline construction
- relevant legislation, regulations, codes, standards and policies
- relevant manufacturer specifications
- relevant safe work method statements (SWMS)/job safety assessments or risk mitigation processes
- relevant WHS/OHS legislated requirements
- relevant workplace documentation
- relevant workplace policies and procedures
- relevant workplace policies and procedures
- transmission pipeline construction
- relevant WHS/OHS legislated requirements, including:
 - hazards, risk assessment and control measures
 - PPE
 - environmental, cultural and heritage awareness and legislation and regulations
 - work permits and job hazard analysis (JHA), job safety analysis (JSA), job safety and environment analysis (JSEA) and SWMS
 - hazard identification
 - manual handling
 - safety data sheets (SDS)
 - emergency and incident response.

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>