



Australian Government

Assessment Requirements for UEGNSG301

Conduct emergency site control on gas transmission assets

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 incident scenarios and include:

- analysing and assessing incident information
- applying contingency plans
- applying environmental and sustainable energy principles and practices
- applying planning skills
- applying relevant legislation, standards, regulations and codes of practice
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including:
 - emergency response procedures
 - hazard identification and reporting
 - implementing risk control measures
 - maintaining a suitable exclusion zone
 - selecting and using correct personal protective equipment (PPE)
 - working safely with hazardous materials and equipment
- communicating and coordinating activities with relevant stakeholders, including:
 - asset owners, land owners and users
 - emergency response organisations
 - emergency response personnel
 - emergency service managers
 - police and fire responders
 - regulatory bodies
 - relevant customers and suppliers
 - repair crew
 - the media
 - workplace colleagues
 - workplace managers
- communicating effectively in the workplace
- completing procedures for managing critical incidents

- completing relevant workplace documentation, reports and records
- coordinating the recommissioning gas transmission system to operational conditions and notifying relevant stakeholders of completion of work
- dealing with unplanned events and situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
- evaluating, responding and reporting threats and incidents to gas transmission assets
- implementing incident response strategies
- minimising threats to the public, pipeline, assets, facilities and environment
- monitoring and assessing incident for changes
- monitoring field work
- operating communications equipment
- participating in debrief
- preparing and planning for coordination of repairs and modifications of gas transmission assets
- preparing to manage critical incidents
- responding correctly to alarms
- updating records and drawings to reflect repairs/modifications
- using relevant field permit to work systems.

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:

- awareness of steel anomaly assessment and criteria
- communication techniques required in a supervisory role
- comply with environmental and cultural issues requirements
- consideration for pressure reduction in consultation with relevant stakeholders, including automatic pressure reduction triggers
- contingency plans
- debriefs
- emergency and accident situations
- emergency management in the gas sector
- emergency/incident control procedures
- gas industry products, processes and characteristics
- gas industry reports and documentation
- general principles associated with pipelines and other gas infrastructure
- hazards, risk assessments and control measures
- identification of relevant gas industry plant, equipment materials, including abnormal operating conditions
- incident response strategies
- pipeline operational parameters
- problem-solving techniques

- procedure for escalating emergencies
- relevant gas industry documents
- relevant legislation, standards, regulations and codes of practice, including AS 2885 Pipelines - Gas and liquid petroleum
- relevant manufacturer specifications
- relevant permits and notifications required
- relevant safe work method statements (SWMS), job safety assessments and risk mitigation processes
- relevant sections of the pipeline and associated standards and legislation, including AS 2885 Pipelines - Gas and liquid petroleum
- relevant stakeholders, including:
 - asset owners, land owners and users
 - emergency response organisations
 - emergency response personnel
 - emergency service managers
 - police and fire responders
 - regulatory bodies
 - relevant customers and suppliers
 - repair crew
 - the media
 - workplace colleagues
 - workplace managers
- relevant WHS/OHS regulations, policies and procedures
- relevant workplace documentation
- relevant workplace policies and procedures
- safe working practices for managing emergencies and critical incidents for gas infrastructure and assets
- security breach procedures
- strategies for dealing with difficult situations.

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 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 personal protective equipment (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>