



Australian Government

**Assessment Requirements for UEGNSG018
First on site response to gas pipeline
emergencies**

Release: 1

Assessment Requirements for UEGNSG018 First on site response to gas pipeline emergencies

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:

- analysing evidence to determine required repairs and/or maintenance
- applying environmental and sustainable energy principles and practices
- applying problem-solving techniques
- applying relevant legislation, standards, regulations and codes of practice
- applying relevant workplace safety requirements, including:
 - actioning and reporting accidents and incidents
 - identifying and reporting hazards
 - implementing risk control measures
 - recognising and assessing hazard warnings and safety signs
 - selecting and using relevant personal protective equipment (PPE)
 - undertaking hazardous activities in a safe manner
- assessing the incident and establishing a safe working site/zone
- carrying out first on-site emergency response plan and procedures
- communicating effectively with relevant persons, third parties and stakeholders
- completing required documentation and reporting
- dealing with unplanned events/situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
- following manufacturer instructions
- following workplace policies and procedures
- handing over to relevant person/s
- identifying and evaluating threats to the gas pipeline and worksite
- investigating the incident and collecting evidence
- obtaining and using relevant materials and resources
- obtaining relevant work permits/authorisations
- participating in debrief
- planning first on-site emergency response.

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:

- combustible gas, characteristics and properties, including but not limited to natural gas, propane and hydrogen
- effective communication and liaison with relevant stakeholders, including:
 - workplace colleagues, supervisors and managers
 - relevant customers and suppliers
 - regulatory bodies
 - property/landowners (including traditional landowners) and tenants
 - emergency response organisations
 - repair coordinator or relief response person
 - plant operators and contractors
 - coordination centre, control centre and radio room
- emergency site assessment
- emergency/incident control procedures for applicable enterprise/worksite
- environmental and sustainable energy principles and practices
- escalation of emergency levels
- hazardous activities, including lifting, climbing, working in confined spaces and aloft, and use of power tools
- hazards, risk assessments and control measures
- first aid and other emergency response workplace procedures
- nature of a situation and preliminary assessment
- problem solving in a first response role
- relevant legislation, standards, regulations and codes of practice
- relevant permits and notifications required
- relevant resources, including people, tools, equipment, systems and PPE
- relevant workplace safety requirements, including:
 - legislated work health and safety (WHS)/occupational health and safety (OHS) requirements
 - technical specific requirements
 - workplace safety procedures
 - manufacturer requirements
- relevant workplace documentation, reports and records
- relevant workplace policies and procedures
- site investigation and evidence gathering techniques
- site preparation, work schedules and safety plans.

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>