



Australian Government

Assessment Requirements for UEGNSG317 First response to a gas facility event

Release: 1

Assessment Requirements for UEGNSG317 First response to a gas facility event

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 work health and safety (WHS)/occupational health and safety (OHS) requirements, including:
 - applying safe manual handling techniques
 - implementing risk control measures
 - reading and interpreting material safety data sheets (MSDS)/safety data sheets (SDS)
 - ensuring emergency response procedures are in place
 - maintaining a safe and clean worksite
 - working safely with hazardous materials and equipment
- applying negotiation skills
- applying planning skills
- applying relevant industry standards, guidelines, codes of practice and regulations
- applying relevant workplace policies and procedures
- applying sustainable energy and environmental principles and practices
- checking and operating relevant equipment and tools
- checking gauge levels, temperatures and flow indicators
- communicating effectively in the workplace
- completing gas facility event response
- completing relevant documentation, reports, records and drawings
- conducting briefings
- conducting quality and safety checks
- controlling initial threats to the integrity of pipeline facility
- dealing with unplanned events
- identifying abnormal conditions of stations and reporting
- identifying and evaluating threats to the integrity of pipeline facility
- inspecting and testing equipment
- interpreting technical drawings and plans
- managing first response to a gas facility event

- obtaining relevant work permits
- operating a gas detector
- operating multi-meters
- operating pipe locator
- performing first aid
- planning for first response to a gas facility event.

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:

- electrical fundamentals for the gas industry
- gas facility event response
- gas industry facilities and infrastructure
- gas industry products, processes and characteristics
- hazardous activities, including lifting, climbing, working in confined spaces and aloft
- operation of gas industry plant, equipment and materials
- pipeline licence conditions
- problem-solving techniques
- relevant gas industry documentation
- relevant industry standards, guidelines, codes of practice and regulations
- relevant WHS/OHS legislated requirements, including:
 - emergency, accident and incident situations
 - emergency/incident control procedures
 - environmental and sustainable energy principles and practices
 - hazard identification and reporting
 - hazardous and flammable materials
 - implementing risk control measures
 - MSDS/SDS and spill kits
 - Personal protective equipment (PPE)
 - risk assessment
- relevant workplace policies and procedures
- security breach procedures
- station functions, including identification of abnormal conditions of stations and reporting
- relevant manufacturer specifications
- relevant safe work method statements (SWMS)/job safety assessments or risk mitigation processes
- relevant industry plant, equipment, tools and materials
- threats to the integrity of pipeline facility
- first aid
- fault-finding and troubleshooting techniques.

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>