



Australian Government

UEGNSG018 First on site response to gas pipeline emergencies

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.

Application

This unit involves the skills and knowledge required to carry out first on-site response to a gas distribution or transmission pipeline emergency incident, and complete response and relevant documentation.

These incidents may include gas escapes, gas outages, security breaches, fires, injury and damage.

It includes carrying out first on-site emergency response by assessing the extent of the situation and type of incident, making the area safe and reporting back to response/control centre.

It also includes liaising with other authorities and emergency services, remaining on site and maintaining site safety until support arrives as required.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not Applicable

Competency Field

Gas Distribution and Transmission

Unit Sector

Gas Industry

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Plan first on-site

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

1.1 Workplace safety and environmental measures for the

- emergency response** site are identified, obtained and applied
- 1.2** Details of incident are confirmed with supervisor, control centre and/or radio room in accordance with workplace procedures
 - 1.3** Incident response is discussed with relevant person/s to establish and confirm the work schedule
 - 1.4** Workplace safety, environmental and sustainable energy policies and procedures are obtained and applied in accordance with workplace procedures
 - 1.5** Hazards are identified, workplace safety risks are assessed, and control measures are prioritised, implemented and monitored in accordance with workplace procedures
 - 1.6** Work permits and/or notifications are obtained as required to ensure the work is approved, recorded, coordinated and performed safely in accordance with workplace procedures
 - 1.7** Equipment, tools and personal protective equipment (PPE) needed to carry out work activities are identified, scheduled, obtained and checked for correct operation and safety in accordance with workplace procedures and manufacturer instructions
 - 1.8** Supervisor, coordination centre, emergency authorities and landowners are communicated with regularly to confirm the emergency response in accordance with workplace procedures
 - 1.9** Persons participating in the emergency response are fully briefed and responsibilities coordinated and authorised in accordance with workplace procedures
 - 1.10** Site preparation, safety plan, first aid and related workplace safety procedures and work schedule are confirmed in accordance with workplace procedures
- 2 Carry out first on-site emergency response**
- 2.1** Workplace safety and risk control measures, schedule of work and workplace procedures for carrying out emergency response are followed
 - 2.2** A safe work zone is established on site and reported back to relevant stakeholders in accordance with workplace procedures

- 2.3 First aid and other emergency procedures are performed, as required, in accordance with workplace procedures
 - 2.4 Hazardous activities are conducted safely in accordance with regulatory requirements and workplace procedures
 - 2.5 Alarms, codes and hazard warnings are correctly recognised, and the correct response strategy is selected and applied in accordance with workplace procedures
 - 2.6 Equipment and systems are monitored to ensure correct operation and performance in accordance with manufacturer instructions and workplace procedures
 - 2.7 Liaison with third parties and relevant stakeholders is maintained to ensure pipeline is monitored and threat to the pipeline is determined and communicated in accordance with workplace procedures
 - 2.8 Supervisor, coordination centre, emergency authorities and landowners are communicated with regularly to keep them updated on the emergency response in accordance with workplace procedures
 - 2.9 Preliminary evidence is collected from the scene in accordance with workplace procedures
 - 2.10 Gathered evidence is analysed and any repairs and/or maintenance required are identified in accordance with workplace procedures
 - 2.11 Site safety is maintained until support arrives in accordance with workplace procedures
 - 2.12 Unplanned events, including emergency level being escalated, are referred to authorised person/s for directions in accordance with workplace procedures
 - 2.13 Quality and safety checks of the work are conducted in accordance with job requirements, workplace procedures and community and industry standards
- 3 Complete response and relevant documentation**
- 3.1 Workplace safety risk control measures for work completion are followed
 - 3.2 Incidents and injuries are reported and followed up as required in accordance with workplace procedures

- 3.3 Incident site, reports, risk control measures and permit conditions are handed over to repair coordinator or relief response person in accordance with workplace procedures
- 3.4 Tools, equipment and any surplus resources/materials are cleaned, checked and securely stored in accordance with workplace procedures
- 3.5 Work permit/s are completed and signed off in accordance with job requirements and workplace procedures
- 3.6 Work completion documentation is completed accurately and provided to relevant person/s in accordance with workplace procedures
- 3.7 Debriefing with relevant person/s is conducted to discuss strengths and weaknesses of incident response in accordance with workplace procedures

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the UEG Gas Industry Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit supersedes and is equivalent to UEGNSG230 First on site response to gas pipeline emergencies.

Links

Companion Volume Implementation Guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6a6c032e-ffcb-4f3d-8063-415efbd261e8>