



Australian Government

UEGNSG506 Respond to gas infrastructure emergencies

Release: 1

UEGNSG506 Respond to gas infrastructure emergencies

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 respond to gas infrastructure emergencies and attend to first response requirements of a gas distribution or transmission emergency incident in accordance with relevant legislation, codes of practice, regulations and procedures. Incidents may include, but are not limited to, gas escapes, gas outages, security breaches, fires, injury and damage.

It includes assessing the extent of the situation and type of incident from the control centre, despatching staff to assess the site and make the area safe, as required, and reporting back to the control centre.

Staff on site are responsible for identifying sources of gas leaks; reporting back to the response/control centre; identifying and controlling potential ignition sources, ventilation/evacuation from property; liaising with other authorities and emergency services; remaining on site and maintaining site safety until support arrives, as required.

This unit applies to gas distribution and transmission pipelines and facilities, and is subject to all work health and safety (WHS)/occupational health and safety (WHS/OHS) and duty of care requirements being met for the workplace.

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

Pre-requisite Unit

Not applicable

Competency Field

Control Centre Discipline

Unit Sector

Gas Industry

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

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

1 Confirm emergency/ incident and prepare to respond

- 1.1 WHS/OHS, environmental and sustainable energy policies, procedures and measures are identified, obtained and applied
- 1.2 Emergency/incident is confirmed with supervisory systems, supervisor/leader and other control centres in accordance with workplace procedures
- 1.3 Incident response is discussed with relevant person/s to confirm the emergency response plan
- 1.4 Relevant personnel are despatched to site, as required, to assess and report on details of the emergency or incident
- 1.5 Hazards and WHS/OHS risks at the site are identified, assessed and prioritised and control measures, implemented and monitored in accordance with workplace procedures
- 1.6 Relevant work permits and/or notifications are obtained, as required, to ensure the work is approved, recorded, coordinated and performed safely in accordance with regulatory requirements and workplace procedures
- 1.7 Supervisor, coordination centre, emergency authorities and land owners are communicated with regularly to confirm the emergency response in accordance with workplace procedures

2 Respond to an emergency/incident

- 2.1 WHS/OHS risk control measures and policies and procedures are followed in accordance with workplace procedures
- 2.2 Relevant emergency/incident information and actions are recorded and reported in accordance with workplace procedures
- 2.3 Operating conditions of equipment, including temperatures, flow and pressures, are monitored to determine performance of equipment/pipeline and adjustments made in accordance with emergency response procedures

- 2.4 Ongoing negotiations and communication with third parties concerning the pipeline threat are undertaken to ensure pipeline is monitored
 - 2.5 Communication with supervisor, coordination centre, emergency authorities and relevant stakeholders is undertaken and maintained in accordance with emergency requirements and workplace procedures
 - 2.6 Actions and directives from the coordination centre are applied to minimise threats to the public, pipeline, facilities and environment and to expedite control/reparation
 - 2.7 Non-routine events including emergency level being escalated are referred to authorised person/s for directions in accordance with emergency response procedures
- 3 Hand over emergency/incident and complete relevant documentation**
- 3.1 WHS/OHS risk control measures for work completion are followed
 - 3.2 Any incidents and injuries are reported to relevant person/s and followed up in accordance with requirements and workplace procedures
 - 3.3 Emergency/incident, including all reports, risk control measures and permit conditions are handed over to emergency/incident coordinator or relief response person in accordance with workplace procedures
 - 3.4 Work permit/s are completed and signed off in accordance with regulatory requirements and workplace procedures
 - 3.5 Work completion documentation, records, reports and as installed/modified drawings are completed and provided to appropriate person/s in accordance with workplace procedures
 - 3.6 Debriefing is conducted with relevant person/s to discuss strengths and weaknesses of emergency/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 replaces and is equivalent to UEGNSG506A Respond to gas infrastructure emergencies.

Links

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