



Australian Government

UEGNSG007 Assess the operational capability of gas safety equipment on a delivery vehicle

Release: 1

UEGNSG007 Assess the operational capability of gas safety equipment on a delivery vehicle

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 assess the gas and safety equipment on a delivery vehicle for the distribution of industrial gases in accordance with relevant legislation, codes of practice, regulations and workplace procedures.

It includes assessing and testing gas and safety equipment on delivery vehicles by identifying faults, using workplace operating procedures, liaising with appropriate persons, and conducting inspections and tests.

This unit applies to worksites where the bulk distribution of industrial gas occurs using delivery vehicles, and subject to workplace safety and duty of care requirements being met for the workplace.

This unit is intended as an entry-level unit, for new entrants in the gas industry. It is suitable for employment-based programs.

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

Pre-requisite Unit

Not applicable

Competency Field

Industrial Gas Storage, Handling and Distribution

Unit Sector

Gas Industry

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential Performance criteria describe the performance needed to

outcomes.

demonstrate achievement of the element.

1 Prepare to assess gas safety equipment on delivery vehicles

- 1.1** Workplace safety, environmental and sustainable energy practices for the site are identified, obtained and understood
- 1.2** Job requirements are obtained and interpreted from plans, specifications and instructions
- 1.3** Relevant job requirements and workplace procedures for work activities are discussed with relevant person/s, including third parties, to determine and confirm work schedule and respective responsibilities
- 1.4** Hazards are identified, workplace safety and environmental risks are assessed, and control measures are prioritised, implemented and monitored in accordance with workplace procedures
- 1.5** Suggestions to assist with assessing the operational capability of gas safety equipment on delivery vehicles are made to persons involved in the work

2 Assess gas safety equipment on delivery vehicle

- 2.1** Workplace safety and environmental risk control measures, schedule of work and workplace procedures for carrying out work are followed
- 2.2** Appropriate materials, tools and equipment are selected and used safely in accordance with manufacturer instructions and workplace procedures
- 2.3** Work is completed within agreed timeframe and to industry standards in accordance with job requirements and 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** Faults and operational conditions of the components are identified, repaired or replaced, and reported in accordance with organisational job requirements

	2.7	Unplanned events are referred to the relevant person/s for directions in accordance with workplace procedures
3 Complete work and relevant documentation	3.1	Workplace safety risk control measures for work completion are followed
	3.2	Quality and safety checks of the work are conducted in accordance with job requirements, workplace procedures and community and industry standards
	3.3	Worksite is cleaned, reinstated and made safe 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	Incidents are reported and followed up as required in accordance with workplace procedures
	3.6	Relevant person/s is notified of work completion in accordance with workplace procedures
	3.7	Work completion documentation is completed accurately and provided to relevant person/s 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 but is not equivalent to UEGNSG622 Assess the operational capability of gas safety equipment on a delivery vehicle.

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6a6c032e-ffcb-4f3d-8063-415efbd261e8>

Assessment Requirements for UEGNSG007 Assess the operational capability of gas safety equipment on a delivery vehicle

Modification History

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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 workplace safety requirements, including using of risk control measures
- applying sustainable energy principles and practices
- completing work and relevant documentation
- dealing effectively with unplanned events in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
- inspecting gas and safety equipment on delivery vehicles and identifying, assessing and reporting faults
- preparing to inspect gas and safety equipment on delivery vehicles
- reading and applying safety data sheet (SDS) requirements
- using safe working practices when assessing the operational capability of gas safety equipment on delivery vehicles in accordance with relevant legislation, codes of practice, regulations and workplace procedures.

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:

- emergency response management plan, including:
 - accidents and emergency types
 - emergency response equipment and procedures
 - breathing apparatus
 - gas detectors/oxygen monitoring devices
 - compliance requirements
 - emergency shutdown, fire protection and security requirements
- equipment/tools, including:
 - types, selection, manufacturer specifications/instructions, testing, set up and adjustment
 - compressors and pumps
 - pipes and hoses

- gas alarm and communication equipment
- industrial gas fuel bulk tankers, including:
 - requirements
 - types, construction, size, valves, signage and placarding
 - testing and inspection workplace procedures
- ignition prevention/control measures
- leak testing requirements, types, procedures and required equipment/tools
- manual handling techniques
- monitoring, testing, inspection and reporting workplace procedures and requirements
- operational capability of delivery vehicles
- personal protection equipment (PPE) types, application, checking, maintenance and storage
- relevant legislation, industry standards, codes of practice, regulations and workplace procedures
- relevant safety equipment, manufacturer specifications and standard adjustments to equipment
- relevant workplace safety requirements, including:
 - legislated work health and safety (WHS)/occupational health and safety (OHS) requirements
 - legislated industry/technical specific requirements
 - workplace safety procedures
 - manufacturer requirements
- relevant workplace documentation, forms and reports
- relevant workplace policies, quality requirements, specifications and procedures for work activities
- safe working practices for assessing the operational capability of gas safety equipment on delivery vehicles.

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
- resources that reflect current industry practices in assessing operational capability of gas safety equipment on a delivery vehicle
- applicable documentation, including workplace procedures, equipment specifications, regulations, codes of practice and operation manuals.

Links

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<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6a6c032e-ffcb-4f3d-8063-415efbd261e8>