



Australian Government

UEGNSG615 Fill LPG cylinders

Release: 1

UEGNSG615 Fill LPG cylinders

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 inspect and fill liquefied petroleum gas (LPG) cylinders, and complete work and relevant documentation.

It includes carrying out the work using appropriate materials, tools and equipment in accordance with relevant legislation, codes of practice, regulations and workplace procedures.

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

Pre-requisite Unit

Not applicable.

Competency Field

Gaseous fuel Vessels

Unit Sector

Gas Industry

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare to fill LPG cylinders

PERFORMANCE CRITERIA

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

- 1.1** Job requirements and workplace procedures for the work are discussed with relevant person/s to confirm the work schedule
- 1.2** Work health and safety (WHS)/occupational health and safety (OHS), environmental and sustainable energy measures and workplace policies and procedures for the

work are obtained and applied

- 1.3** Recommendations to assist with the filling of gas cylinders are made to others involved in the work in accordance with workplace procedures
- 1.4** Hazards are identified, WHS/OHS risks assessed and control measures prioritised, implemented and monitored in accordance with workplace procedures
- 1.5** Resources, including equipment, tools and personal protective equipment (PPE), required for the job are obtained and checked for correct operation and safety in accordance with workplace procedures and manufacturer instructions
- 1.6** Responsibilities for first aid, emergencies and other related work safety procedures for an incident at the work site are checked and confirmed with relevant person/s to ensure safety measures are followed
- 1.7** Client issues are referred to relevant persons in accordance with industry and community, industry standards and workplace procedures
- 1.8** Work site is prepared in accordance with job instructions, work schedule and workplace procedures to minimise risk and damage to property, commerce and individuals

2 Inspect and fill LPG cylinders

- 2.1** WHS/OHS policies, procedures and safe work practices are followed to eliminate or minimise incidents and hazards
- 2.2** Hazardous activities associated with filling LPG cylinders are conducted in accordance with job instructions, safety requirements and workplace procedures
- 2.3** Cylinders are inspected for leaks and soundness in accordance with job instructions, industry standards, regulations and workplace procedures
- 2.4** Cylinders with defects, including leaks and damage, are identified, marked and quarantined and hazards and WHS/OHS risks are reported to authorised person/s for directions in accordance with workplace procedures
- 2.5** Filling of gas cylinders is carried out in accordance with job instructions, industry standards, regulations and

workplace procedures

- 2.6 Problems associated with the filling of gas cylinders are dealt with by using problem-solving techniques in accordance with workplace procedures, industry standards and regulations
- 2.7 Unplanned situations are responded to in accordance with workplace procedures, in a manner that minimises risk to personnel and equipment
- 2.8 Quality and safety checks of the work are undertaken in accordance with job instructions, industry standards and workplace procedures

3 Complete work and relevant documentation

- 3.1 Appropriate manual handling techniques are applied when moving full cylinders to designated storage areas or onto vehicles
- 3.2 Accidents and incidents are actioned, as required, and reported to authorised person/s in accordance with workplace procedures
- 3.3 Work site is cleaned up and made safe in accordance with job instructions and workplace procedures
- 3.4 Tools, equipment and any surplus resources and materials are cleaned, checked and returned to storage in accordance with workplace procedures
- 3.5 Relevant person/s are notified of work completion in accordance with workplace procedures
- 3.6 Work completion records, report forms and data sheets are completed accurately in accordance with job instructions and 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.

inspecting and filling cylinders must include one (1) of the following methods at a cylinder filling installation compliant with industry standards:

- by weight using scales
- by decanting
- by dispenser pump

Unit Mapping Information

This unit replaces and is equivalent to UEGNSG615A Fill LPG cylinders.

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 UEGNSG615 Fill LPG cylinders

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, performance criteria and range of conditions on at least two separate occasions and include:

- applying environmental and sustainable energy principles and practices
- applying problem-solving techniques
- applying relevant industry standards, guidelines, codes of practice and regulations
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including:
 - hazard identification and reporting
 - implementing risk control measures
 - applying safe manual handling techniques
 - selecting and using relevant personal protective equipment (PPE)
 - undertaking hazardous activities in a safe manner
- checking cylinders for leaks and damage
- communicating effectively with relevant person/s
- completing work and relevant documentation
- confirming and following schedule of work and job requirements
- dealing with unplanned events/situations in accordance with workplace procedures, in a manner that minimises risk to personnel and equipment
- filling liquified petroleum gas (LPG) cylinders
- following emergency procedures for accidents and incidents
- following manufacturer instructions
- following workplace procedures
- maintaining a clean and safe work site
- marking and quarantining damaged cylinders
- performing quality and safety checks
- preparing to fill LPG cylinders
- preparing worksite to minimise risk and damage to property, commerce and individuals
- referring client issues
- selecting and operating correct tools and equipment
- working within agreed timeframes or conditions.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions and include knowledge of:

- accidents and incidents associated with filling gas cylinders
- client issues
- environmental and sustainable energy principles and practices
- filling LPG cylinders, including:
 - requirements, methods, procedures and precautions
 - tools and equipment
 - handling
 - leak testing
- LPG cylinders, including:
 - properties of LPG
 - types, construction, size, valves and labelling
 - material safety data sheets/safety data sheets (MSDS/SDS)
- problem-solving techniques
- PPE, including:
 - types, application, checking, maintenance and storage
- quality and safety checks
- relevant manufacturer specifications
- relevant materials, tools, equipment and devices
- relevant safe work method statements (SWMS)/job safety assessments or risk mitigation processes
- relevant industry standards, legislation, guidelines, codes of practice and regulations
- relevant workplace documentation
- relevant workplace policies and procedures
- relevant WHS/OHS policies and procedures, including:
 - hazard identification, risk assessment and control
 - safe manual handling techniques
- reporting requirements
- resources and materials required for the work
- site preparation, work schedules, safety plans and job requirements
- storage requirements of dangerous goods
- workplace quality requirements.

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

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