



Australian Government

UEGNSG620 Organise the repair of faults in LPG processing or storage facilities and equipment

Release: 1

UEGNSG620 Organise the repair of faults in LPG processing or storage facilities and equipment

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 organise the repair of faults that occur during the processing and/or storing of liquefied petroleum gas (LPG) in accordance with relevant legislation, codes of practice, regulations, standards and workplace procedures.

It includes identifying types of faults, liaising with appropriate person/s to authorise and conduct repairs and providing/completing relevant documentation.

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

Pre-requisite Unit

Not applicable

Competency Field

Gaseous Fuels Vessels

Unit Sector

Gas Industry

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Plan to organise repairs in LPG processing/storage facilities and equipment

PERFORMANCE CRITERIA

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

1.1 Appropriate person/s are consulted to ensure the work is coordinated effectively with others involved

1.2 Job requirements and workplace procedures for the

work are obtained for all work sites and communicated to relevant person/s

- 1.3 Work health and safety (WHS)/occupational health and safety (OHS), environmental and sustainable energy policies and procedures for repairing faults in LPG processing/storage facilities and equipment are obtained and communicated to relevant person/s
- 1.4 Work is prioritised and sequenced for completion within acceptable timeframes following consultation with others in accordance with workplace procedures
- 1.5 Hazards and WHS/OHS risk are identified and prioritised and control measures implemented and monitored
- 1.6 Relevant work permits are obtained to access, isolate/de-energise systems and perform work in accordance with regulatory requirements and workplace procedures
- 1.7 Appropriately licensed person/s, equipment, tools and personal protective equipment (PPE) required for the job are identified, scheduled, obtained and checked for correct operation in accordance with workplace procedures
- 1.8 Communication issues with authorised persons, authorities, clients and land owners are resolved and work coordinated in accordance with work schedule and workplace procedures
- 1.9 Site is prepared to minimise risk and damage to property, commerce and individuals in accordance with work schedule and workplace procedures
- 1.10 Person/s participating in the work, including plant operators and contractors, are briefed and responsibilities coordinated in accordance with workplace procedures

2 Organise and monitor repair of faults in LPG processing/storage facilities and equipment

- 2.1 WHS/OHS risk control measures and policies and procedures are followed in accordance with workplace procedures
- 2.2 Hazardous activities are performed safely and currency maintained as required in accordance with regulatory

requirements and workplace procedures

2.3 Fault repairs are organised to ensure completion in agreed timeframes and to quality/safety/environmental standards in accordance with job requirements and workplace procedures

2.4 Repair work and replacement of faulty work equipment is conducted in accordance with permit to work requirements and monitored to ensure activities are carried out with minimal impact on existing operations and environment

2.5 Hazard warnings and safety signs are recognised, hazards and WHS/OHS risks assessed and reported to authorised person/s for directions in accordance with workplace procedures

2.6 Unplanned events encountered when organising fault repairs are identified and actioned in accordance with workplace procedures

2.7 Quality and safety checks of the repairs are undertaken in accordance with workplace procedures

3 Complete work and relevant documentation

3.1 Systems are monitored or operated to ensure they are operating safely and effectively in accordance with workplace procedures

3.2 Accidents and injuries are reported in accordance with workplace procedures

3.3 Work site is rehabilitated, 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 work permit/s are signed off and equipment/facility is returned to service in accordance with job requirements and workplace procedures

3.6 Repaired/installed equipment is brought back on line in accordance with workplace procedures

3.7 Work completion records, reports and as installed/modified drawings and documentation are completed, processed and appropriate person/s notified

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.

operation of equipment must include at least seven (7) of the following:

- gas detectors
- purging gas
- hand tools
- LPG hoses
- flare
- valves
- compressors
- vessels
- pumps
- road tankers

control and instrumentation equipment faults must include at least seven (7) of the following:

- gas leak
- electrical problems
- over filled vessel
- compressor failure
- pump failure
- out-of-current inspection status
- gauge failure
- hose rupture/leaks
- instruments out of calibration
- non-flow of LPG
- cylinder scales out of calibration
- meter out of calibration

Unit Mapping Information

This unit replaces and is equivalent to UEGNSG620A Organise the repair of faults in LPG processing or storage facilities and equipment.

Links

Companion Volume Implementation Guides are found in VETNet -

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