



Australian Government

UEGNSG702 Disconnect and reconnect small capacity gas meters

Release: 1

UEGNSG702 Disconnect and reconnect small capacity gas meters

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 disconnect, replace and reconnect small capacity union connected gas meters and associated components by a designated gas industry person, complete work and relevant workplace records and documentation.

It includes using tools and equipment to test the customer gas piping system and associated meter connection filters, regulators and components for gas tightness.

Small capacity union connected gas meters typically flow less than 30 cubic meters per hour.

This unit applies to any safe work site where small capacity gas meters are installed, and subject to all work health and safety (WHS)/occupational health and safety (OHS) and duty of care requirements being met for the workplace.

The application of the skills and knowledge described in this unit may require a licence/registration to practise in the workplace.

Other conditions may apply under state and territory legislative and regulatory licensing requirements which must be confirmed prior to commencing this unit.

Pre-requisite Unit

Not applicable.

Competency Field

Support Services

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 disconnect, replace and reconnect gas meters

- 1.1** Instructions for the work are obtained and confirmed with relevant person/s in accordance with workplace procedures
- 1.2** Job requirements and workplace procedures for the work are discussed with relevant person/s to confirm the work schedule
- 1.3** Work health and safety (WHS)/occupational health and safety (OHS), environmental and sustainable energy measures and workplace policies and procedures are obtained and applied
- 1.4** Hazards are identified, WHS/OHS risks assessed and control measures prioritised, implemented and monitored in accordance with workplace procedures
- 1.5** Scope of responsibility under the relevant work permit/authorisations is obtained and confirmed with relevant person/s in accordance with job requirements and workplace procedures
- 1.6** Resources, including equipment, tools, materials and personal protective equipment (PPE), required to undertake gas meter work are identified, obtained and checked for correct operation and safety in accordance with workplace procedures and manufacturer instructions
- 1.7** Responsibilities for work safety and emergency procedures at the work site are confirmed with relevant person/s in accordance with job requirements and workplace procedures
- 1.8** Relevant persons are consulted to ensure the appliance relight is coordinated effectively with others involved
- 1.9** Issues are referred to appropriate person/s in accordance with industry standards and workplace procedures
- 1.10** Work site is prepared, safety plan and work schedule are confirmed with relevant person/s in accordance with workplace procedures

2 Disconnect, replace and reconnect gas meters

- 2.1** WHS/OHS risk control measures, schedule of work and workplace procedures for carrying out work are followed

- 2.2 Materials, tools, equipment and devices to perform gas meter work are selected and used correctly and safely in accordance with manufacturer instructions and workplace procedures
 - 2.3 Operational knowledge for utilising correct and safe use of basic equipment and tools to perform gas meter work is confirmed
 - 2.4 Gas meter work is undertaken using stray current testing and protection in accordance with industry standards, regulations and workplace procedures
 - 2.5 Customer piping system, meter connections, filters, regulators and associated components are tested for gas tightness in accordance with industry standards, regulations and workplace procedures
 - 2.6 Work is carried out to the required quality standard, without damage to apparatus, equipment, and the surrounding environment or services
 - 2.7 Hazard warnings and safety signs are recognised, hazards assessed and WHS/OHS risks reported to authorised person/s for directions in accordance with workplace procedures
 - 2.8 Unplanned events are referred to relevant person/s for further instructions in accordance with workplace procedures
 - 2.9 Quality and safety checks of the work are undertaken in accordance with job instructions, industry standards and workplace procedures
 - 2.10 Gas meters, filters and regulators are stored and transported in accordance with workplace procedures and manufacturer instructions
- 3 Complete work and relevant documentation**
- 3.1 WHS/OHS risk control measures for work completion measures and procedures are followed
 - 3.2 Final checks, including visual observation, are performed to ensure quality of work complies with manufacturer instructions, industry standards and regulations
 - 3.3 Relevant person/s are notified of work completion in accordance with workplace procedures

- 3.4** Equipment, tools and any surplus resources and materials are cleaned, checked and stored securely or disposed of in accordance with workplace procedures
- 3.5** Work area is tidied and made safe in accordance with job instructions and workplace procedures
- 3.6** Meter details and readings, work completion records and documentation are completed 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.

Unit Mapping Information

This unit replaces and is equivalent to UEGNSG705 Disconnect and reconnect small capacity gas meters.

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 UEGNSG702 Disconnect and reconnect small capacity gas meters

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 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:
 - communicating effectively with relevant personnel and customers
 - completing work and relevant documentation
 - coordinating appliance relight
 - dealing with unplanned events/situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
 - disconnecting, replacing and reconnecting gas meter
 - following manufacturer instructions
 - following work schedule, safety plan and job requirements
 - following workplace policies and procedures
 - hazard identification and reporting
 - implementing risk control measures
 - maintaining a clean and safe work site
 - performing quality, safety and final checks
 - recognising hazard warnings and safety signs
 - referring issues
 - selecting and using relevant personal protective equipment (PPE)
 - storing and transporting requirements for gas meters and associated equipment
 - testing meter components for gas tightness
 - undertaking stray current testing and protection
 - using tools and equipment to disconnect, reconnect and replace gas meter.

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:

- communication skills to liaise with internal and external person/s
- customer piping systems and meter components
- gas meter installation requirements
- gas meter storage and transporting requirements
- gas tightness testing
- problem-solving techniques
- quality, safety and final check procedures
- relevant legislation, industry standards, guidelines, codes of practice and regulations
- relevant manufacturer instructions
- relevant permits required
- relevant safe work method statements (SWMS)/job safety assessments or risk mitigation processes
- relevant tools, equipment and devices
- relevant WHS/OHS policies and procedures, including:
 - hazard identification
 - risk assessment and control measures
 - hazard warnings and safety signs
 - environmental and safety hazards
 - relevant PPE
 - safety requirements for entering domestic and commercial customer sites
- relevant workplace policies and procedures
- site and data issues
- site preparation, work schedules, safety plans and job requirements
- small capacity gas meter disconnection, reconnection and replacement
- stray current testing and protection
- workplace forms and reports.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

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.

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