



Australian Government

UEGNSG706 Test new residential and small commercial gas installations

Release: 1

UEGNSG706 Test new residential and small commercial gas installations

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 test new residential and small commercial gas installations and associated components by a designated gas industry person in accordance with workplace procedures and relevant legislation, industry standards, regulations and codes of practice.

It includes using tools and testing equipment to pressure test the customer piping system and associated gas meter connection filters, regulators and components. It also includes completing required records and appropriate documentation.

The application of the skills and knowledge described in this unit may require a license or permit to practice in the workplace.

Other conditions may apply under state and territory legislative and regulatory licencing 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

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

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

- 1 Prepare to test new gas installation**
 - 1.1** Work instructions are obtained and interpreted to confirm the work schedule
 - 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 policies and procedures are obtained and applied
 - 1.4** Hazards are identified, WHS/OHS risks are assessed and control measures prioritised, implemented and monitored in accordance with workplace procedures
 - 1.5** Responsibility under the relevant work permit/authorisation is obtained and confirmed with relevant person/s in accordance with job requirements and workplace procedures
 - 1.6** Equipment, tools, resources, materials and personal protective equipment (PPE) needed for conformance testing are identified, obtained and checked for correct operation and safety in accordance with workplace procedures
 - 1.7** Responsibilities for work safety and emergency procedures at the work site are confirmed with relevant person/s in accordance with requirements and workplace procedures
 - 1.8** Appropriate person/s are consulted to ensure appliance relight is coordinated effectively with others involved
 - 1.9** Client/customer issues are referred to appropriate person/s in accordance with industry standards and workplace procedures
 - 1.10** Site preparation, safety plan and work schedule are confirmed with relevant person/s in accordance with workplace procedures
- 2 Test new gas installation**
 - 2.1** WHS/OHS risk control measures, schedule of work and workplace procedures for carrying out the work are followed
 - 2.2** Materials, tools, equipment and pressure testing devices are selected and used correctly and safely in accordance with manufacturer instructions and workplace

procedures

- 2.3 Conformance test is undertaken using correct tools and equipment in accordance with workplace procedures and industry standards
- 2.4 Conformance test of new gas installation is undertaken using appropriate pressure testing, protection and stray current testing equipment in accordance with company procedures and regulatory requirements
- 2.5 Customer piping system and associated components, including appliances, are tested for conformance to industry standards and regulatory requirements
- 2.6 Results of conformance test are analysed and non-compliant installations are disconnected in accordance with workplace procedures, industry standards and regulatory requirements
- 2.7 Work is carried out to the required industry standards without waste of materials or damage to apparatus, equipment, and the surrounding environment or services using sustainable energy principles
- 2.8 Hazard warnings and safety signs are recognised and hazards and WHS/OHS risks assessed and reported to the authorised person/s for directions in accordance with workplace procedures
- 2.9 Unplanned events and non-routine problems are referred to authorised person/s for directions in accordance with workplace procedures
- 2.10 Quality and safety checks of the work are undertaken in accordance with job instructions and workplace procedures

3 Complete work and relevant documentation

- 3.1 WHS/OHS risk control measures and workplace procedures for completing the work are followed
- 3.2 Final check of work, including visual observation, is performed to ensure work complies with job and regulatory requirements
- 3.3 Appropriate persons are notified of work completion and non-conformances in accordance with workplace procedures

- 3.4 Equipment, tools and any surplus resources and materials are cleaned, checked and securely stored or disposed of in accordance with workplace procedures
- 3.5 Work area is tidied and made safe in accordance with workplace procedures
- 3.6 Work completion records and documentation are updated 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 UEGNSG706A Test New Residential and Small Commercial Gas Installations.

Links

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