



Australian Government

**Assessment Requirements for UEGNSG039
Test new residential and small commercial
gas installations**

Release: 1

Assessment Requirements for UEGNSG039 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.

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:

- advising stakeholders of potentially dangerous or non-conforming installations
- analysing results of tests
- applying environmental and sustainable energy principles and practices
- applying problem-solving techniques
- applying relevant industry standards, guidelines, codes of practice and regulations
- applying relevant workplace safety requirements, including:
 - identifying and reporting hazards
 - implementing risk control measures
 - selecting and using relevant personal protective equipment (PPE)
- communicating effectively with relevant personnel and customers
- completing records and documentation
- completing the work and relevant documentation
- conducting conformance tests
- dealing with unplanned events/situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
- disconnecting non-compliant installations
- following work schedules and job requirements
- following workplace policies and procedures
- maintaining a clean and safe worksite
- performing quality, safety and final checks
- preparing to test new gas installation
- testing new gas installation
- using pressure testing tools and equipment
- using tools and equipment to test residential and small commercial gas installation.

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:

- appliance installation requirements to relevant standards and regulatory requirements
- client issues
- communication skills to liaise with internal and external person/s
- conformance tests
- documentation and reporting requirements
- piping systems and components
- pressure testing of gas installation to industry standards
- problem-solving techniques
- procedures for testing residential and small commercial new gas installations to relevant standards and regulatory requirements
- protection testing and stray current testing
- quality, safety and final checks
- relevant manufacturer specifications
- relevant industry standards, legislation, guidelines, codes of practice and regulations
- relevant workplace safety policies and procedures, including:
 - hazard identification
 - risk assessment and control
 - relevant PPE
 - environmental and sustainable energy principles and practices
 - safety requirements for entering domestic and commercial customer sites
- relevant materials, tools, equipment and testing devices
- relevant permits required
- 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
- relevant workplace policies and procedures
- small commercial new gas installations and components.

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.

As a minimum, assessment must satisfy applicable regulatory requirements, which include requirements in 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.

Links

Companion Volume Implementation Guides are found in VETNet -

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