



**Australian Government**

**Assessment Requirements for UEGNSG804  
Maintain single stage and single run gas  
flow and pressure control and measuring  
devices**

**Release: 1**

# Assessment Requirements for UEGNSG804 Maintain single stage and single run gas flow and pressure control and measuring devices

## 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, performance criteria and range of conditions 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:
  - hazard identification and reporting
  - recognising hazard warnings and safety signs
  - implementing risk control measures
- applying sustainable energy and environmental principles and practices
- collecting information on equipment performance
- communicating effectively with relevant person/s
- completing required documentation and reporting
- completing work and relevant documentation
- dealing with unplanned events/situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
- following schedules, procedures and manuals
- identifying and interpreting drawings, diagrams and plans
- locating and pinpointing gas escapes
- maintaining a clean and safe work site
- maintaining components and devices
- maintaining gas flow, pressure control and measuring devices
- operating, adjusting/testing, fault finding and maintaining components, pressure measurement, control and relief devices
- performing quality and safety checks
- preparing to maintain gas flow, pressure control and measuring devices
- referring third party issues
- selecting correct materials, equipment, tools, personal protection equipment (PPE) and measurement devices

- setting up, testing and purging components
- using gas detectors to determine site safety.

## 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:

- component purging
- environmental and sustainable energy principles and practices
- flow measurement equipment
- gas detectors
- gas distribution regulator facilities and components
- gas filtering systems types and components
- manual gas flow control and components
- pressure control equipment
- problem solving techniques
- quality and safety checks
- relevant equipment and component performance
- relevant equipment/component fault finding, repair and replacement
- relevant equipment/component maintenance
- relevant legislation, standards, codes, guidelines and regulations
- relevant manufacturers' specifications
- relevant materials, plans, diagrams, drawings and resources
- relevant permits/notifications required
- relevant PPE and safety equipment
- relevant safe work method statements (SWMS)/job safety assessments or risk mitigation processes
- relevant WHS/OHS legislated requirements
- relevant workplace policies and procedures
- reporting and documentation requirements
- safe gas concentration levels
- site preparation, work schedules, safety plans and job requirements
- techniques to minimise waste
- third-party issues.

## 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**

Companion Volume Implementation Guides are found in VETNet -

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