Australian Government

Assessment Requirements for UEGNSG120 Manage gas system environmental compliance

Release: 1

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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:

- analysing data to ensure compliance with regulatory and workplace requirements
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including using of risk control measures
- applying sustainable energy principles and practices
- dealing effectively with unplanned events in accordance with workplace procedures, in a manner that minimises risk to personnel and equipment
- developing environmental strategic plan for gas system environmental compliance
- facilitating compliance negotiations, including relevant gas industry regulations, industry standards and codes of practice
- identifying and documenting environmental issues for proposed gas system
- reviewing environmental and WHS/OHS management plans for a gas system.

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:

- chemical and physical behaviour of gases, and their effects in a gas system
- emergency management techniques in a gas industry environment
- gas system environmental compliance
- theory and study of hazard and operability (HAZOP) and hazard analysis (HAZAN)
- relevant job safety assessments or risk mitigation processes, including:
  - risk assessment, risk control and risk control measures
  - hierarchy of risk control
  - hazards and their consequences
  - hazards, assessing associated risks and implementing appropriate control measures
  - hazards and hazardous events
- relevant WHS/OHS legislated, industry standards and codes of practice for the gas industry

requirements

* relevant workplace documentation
* relevant workplace policies and procedures.

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 personal protective equipment (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