



Australian Government

Assessment Requirements for UEGNSG050 Control field pipeline operations

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 and performance criteria on at least two separate occasions and include:

- applying emergency shutdown procedures and response systems/strategies
- interpreting and understanding alarms, codes and hazard warnings
- applying problem-solving techniques
- applying relevant industry standards, guidelines, codes of practice and regulations
- applying relevant workplace safety requirements, including:
 - hazard identification and reporting
 - implementing risk control measures
 - selecting and using correct personal protective equipment (PPE)
 - working safely with hazardous materials and equipment
- applying sustainable energy and environmental principles and practices
- communicating with relevant stakeholders
- completing pre-shutdown checks
- conducting quality and safety checks
- dealing with unplanned events/situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
- interpreting technical drawings, plans and materials lists
- monitoring pipeline conditions, pressures and temperatures
- obtaining relevant work permits
- performing site inspections
- planning and controlling pipeline operations, including planning, prioritising and working in the gas industry
- rehabilitating and maintaining a clean worksite
- shutting down pipeline system and completing relevant documentation
- using relevant tools, equipment and materials.

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:

- characteristics of gas flows
- characteristics, operation, capabilities and limitations of relevant tools, equipment and pipeline facilities
- hazardous activities and high-risk construction work
- pipeline system operating parameters
- relevant alarm, codes, hazard warnings and communication systems
- relevant stakeholders, including:
 - authorised persons, authorities, clients, tenants and landowners
 - plant operators and contractors
 - workplace colleagues
 - relevant customers and suppliers
 - regulatory bodies
 - emergency response organisations
- 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 industry standards, guidelines, codes of practice and regulations, including:
 - industry terminology
 - manufacturer specifications
 - workplace policies and procedures
 - workplace permits and permit to work system
 - workplace documentation
- site inspections
- strategies for dealing with unplanned events/situations, including problem-solving techniques.

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>