



Australian Government

Assessment Requirements for UEGNSG142 Conduct isolations under the permit to work system for gas industry work sites

Release: 2

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Modification History

Release 2: This is the second release of this unit of competency in the UEG Gas Industry Training Package.

- Minor typographic error corrected in Pre-requisite Unit code.

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 communication skills, including conducting briefings
- applying problem-solving skills
- applying relevant industry standards, guidelines, codes of practice, legislation and regulations
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including:
 - applying sustainable energy and environmental principles and practices
 - enterprise safety procedures, site safety and emergency procedures
 - risk management
 - selecting and using correct personal protective equipment (PPE)
 - WHS/OHS legislation
- conducting de-isolation and restoration, including conducting risk assessment for isolation type
- conducting energy sources isolation in accordance with workplace procedures, including stopping plant, applying appropriately isolation/lock and tag, and dissipating any stored energy
- conducting quality and safety checks, including inspecting and tagging
- dealing with unplanned events/situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
- documenting any remaining points of isolation and documenting tagging and locking out identified isolation points
- following relevant workplace procedures
- identifying isolation points
- isolating a range of energy sources, including:
 - gas
 - electricity

- pneumatics
- mechanical energy
- planning for isolation work, including isolating required forms of potentially hazardous energy, to ensure that an accidental release of hazardous energy does not occur.

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:

- de-isolation at the end of each work task, including job requirements and workplace procedures, and documenting any remaining points of isolation
- isolation requirements and workplace procedures, including:
 - communication with the relevant stakeholders
 - document, tag and lock-out identified isolation points
 - isolation energy sources, including gas, electricity, pneumatics and mechanical energy
 - isolation methods, including valves, circuit breakers, pneumatics and utility gas
 - points of isolations to ensure a safe work area
 - test and tagging requirements
- permit to work requirements and workplace procedures
- problem-solving techniques
- relevant gas industry worksite isolation legislation, industry standards, codes of practice and regulations
- relevant manufacturer specifications
- relevant workplace documentation
- relevant workplace policies and procedures
- relevant WHS/OHS legislated requirements, including:
 - risk assessment for isolation type
 - environmental and sustainable energy principles and practices
 - hazards, risk assessments and control measures
 - risk management
 - safe systems of work
 - safety procedures, site safety and emergency 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 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>