



Australian Government

UEGNSG041 Apply safe working practices in the gas supply industry

Release: 1

UEGNSG041 Apply safe working practices in the gas supply industry

Modification History

Release 1. This is the first release of this unit of competency in the UEG Gas Industry Training Package.

Application

This unit involves the skills and knowledge required to apply workplace safety regulations, codes and practices in the workplace; prepare to enter a work area; apply safe working practices; and follow workplace procedures for hazard identification and risk control.

It includes responsibilities and application at operative levels for health and safety, risk management and adherence to safety practices in the gas supply industry.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

Gas Cross Discipline

Unit Sector

Gas Industry

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare to enter a work area

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- 1.1** Work area access permits, clearances and isolation permissions are obtained as required from relevant person/s in accordance with workplace procedures
- 1.2** Relevant workplace safety legislation and codes of

- practices are identified and applied when entering the work area
- 1.3** Safe work methods for controlling risks are obtained and applied prior to undertaking work activity in accordance with workplace safety procedures
 - 1.4** Isolated plant/machinery and equipment are checked in accordance with workplace procedures
 - 1.5** Tools and equipment required for the work are checked for safety and correct functionality in accordance with workplace procedures and regulatory requirements
- 2 Apply safe working practices**
- 2.1** Workplace safety and environmental risk control measures and workplace procedures are followed
 - 2.2** Workplace safety procedures for workplace emergencies, accidents and fires are followed in accordance with scope of responsibility and capability
- 3 Follow workplace procedures for hazard identification and risk control**
- 3.1** Hazards are identified and control measures implemented and monitored through regular and active participation in the consultation process with employer and other employees
 - 3.2** Unplanned events and newly identified hazards in the work area are reported to relevant person/s in accordance with workplace procedures
 - 3.3** Workplace safety documentation, including incident records, are completed in accordance with regulatory requirements and workplace procedures
 - 3.4** Workplace safety training and directives are followed in accordance with regulatory requirements and workplace procedures

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the UEG Gas Industry Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to UEGNSG141 Apply workplace health and safety regulations, codes and practices in the gas supply industry.

Links

Companion Volume Implementation Guides are found in VETNet -

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

Assessment Requirements for UEGNSG041 Apply safe working practices in the gas supply industry

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 relevant workplace safety requirements, including:
 - applying safe working practices
 - applying work health and safety (WHS)/occupational health and safety (OHS) regulations and codes of practices in the workplace
 - checking relevant tools, equipment and plant for isolation, safety and correct operation
- completing relevant workplace documentation
- dealing with unplanned events/situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
- dealing with workplace safety incidents within scope of responsibility
- following and applying work procedures and instructions as they apply to risk control measures
- identifying hazards and implementing and monitoring control measures
- obtaining applicable work permits, clearances and isolation permissions prior to entering the work area
- participating regularly in consultation processes
- preparing to enter a gas supply work area in accordance with workplace procedures
- reporting hazards to relevant person/s in accordance with workplace procedures.

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:

- appropriate fire extinguisher for a given type of fire and its use
- commonly used workplace safety signs
- hierarchy of WHS/OHS hazard control measures
- hazards associated with gas supply work environments
- employer and employee responsibilities, rights and obligations
- procedures used to control risks

- principles of risk assessment
- safe manual handling principles
- workplace emergencies that pose a threat to health and safety and suitable procedures for an emergency workplace evacuation
- chemicals in the workplace, including:
 - hazardous substances and dangerous goods
 - safe storage procedures and purpose and interpretation of safety data sheet (SDS)
 - types and classes: fuelled, flammable and other relevant gases
 - effects of gases on the human body
 - common causes of gas accidents and ignition
 - products of (complete and incomplete) combustion
 - precautions that can minimise the chance of gas accidents and ignition
 - requirements for working with gases
 - fire protection and control/extinguishing
- hazardous areas, including:
 - hazards associated with working in a hazardous area
 - workplace situations that could be classified as a hazardous area
 - requirements for working in a designated hazardous area
- potential physical and psychological hazards in the workplace
- relevant industry standards, legislation, guidelines, codes of practice and regulations
- relevant manufacturer specifications
- relevant safe work method statements (SWMS)/job safety analysis (JSA) or risk mitigation processes
- relevant workplace safety requirements, including:
 - legislated WHS/OHS requirements
 - legislated industry/technical specific requirements
 - workplace safety procedures
 - manufacturer requirements,
- relevant work area access, clearances and isolation permissions/permits
- relevant workplace documentation
- relevant workplace policies and procedures
- techniques to check tools and equipment for safety and correct functionality
- techniques to monitor implemented control measures
- working safely with electricity
- working safely with gases.

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
- relevant WHS/OHS legislation, regulations and codes of practice related to hazards present in the gas supply industry workplace
- accepted industry work procedures and the specific safety procedures and work instructions for a particular workplace in the gas supply industry.

Links

Companion Volume Implementation Guides are found in VETNet -

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