



Australian Government

UEGNSG002 Apply environmental policies and procedures in the gas supply industry

Release: 1

UEGNSG002 Apply environmental policies and procedures 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 environmental policies and workplace procedures whilst undertaking tasks in a gas supply industry workplace.

It includes the requirements for applying relevant legislation, industry standards, regulations and codes of practice to relevant workplace procedures; and completing relevant documentation.

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

Pre-requisite Unit

Not applicable.

Competency Field

Cross Discipline Units

Unit Sector

Gas Industry

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Identify environmental policies and workplace procedures

PERFORMANCE CRITERIA

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

- 1.1** Workplace safety, environmental and sustainable energy practices for the site are identified, obtained and understood
- 1.2** Job requirements are obtained and interpreted from plans, specifications and instructions

- 1.3 Scope of responsibility under the relevant work permits and/or relevant notification is determined and confirmed to access, isolate/de-energise systems and perform work in accordance with job requirements and workplace procedures
 - 1.4 Hazards are identified, workplace safety and environmental risks are assessed, and control measures are prioritised, implemented and monitored in accordance with workplace procedures
 - 1.5 Relevant person/s is consulted to ensure work activity is coordinated effectively with person/s involved
 - 1.6 Scope of responsibility under the relevant job requirements, including all work permits and/or relevant notifications is determined and confirmed to access the services and perform work in accordance with job requirements and workplace procedures
 - 1.7 Equipment, tools and personal protective equipment (PPE) needed to carry out work activities are identified, obtained and checked for correct operation and safety in accordance with workplace procedures and manufacturer instructions
- 2 **Apply environmental policies and workplace procedures**
 - 2.1 Workplace safety and environmental risk control measures, schedule of work and workplace procedures for carrying out work are followed
 - 2.2 Appropriate materials, tools and equipment are selected and used safely in accordance with manufacturer instructions and workplace procedures
 - 2.3 Work is completed within agreed timeframe and to industry standards in accordance with job requirements and workplace procedures
 - 2.4 Unplanned events are referred to the relevant person/s for directions in accordance with workplace procedures
 - 2.5 Surplus and waste materials are identified, separated and processed in accordance with workplace procedures
- 3 **Complete work and relevant documentation**
 - 3.1 Workplace safety and environmental risk control measures for work completion are followed
 - 3.2 Quality and safety checks of the work are conducted in accordance with job requirements, workplace

procedures and community and industry standards

- 3.2 Worksite is cleaned, reinstated and made safe in accordance with workplace procedures
- 3.3 Tools, equipment, vehicles, plant and any surplus resources/materials are cleaned, checked and securely stored in accordance with workplace procedures
- 3.4 Incidents are reported and followed up as required in accordance with workplace procedures
- 3.5 Waste is disposed of as required in accordance with environmental policies and workplace procedures
- 3.6 Relevant environmental records, report forms/data sheets are completed in accordance with workplace procedures
- 3.7 Relevant person/s is notified of work completion in accordance with workplace procedures
- 3.8 Work completion documentation is completed accurately and provided to relevant person/s in accordance with 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 supersedes and is equivalent to UEGNSG140 Apply environmental policies and procedures in the utilities industry and supersedes UEGNSG133 Comply with environmental policies and procedures in the utilities 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 UEGNSG002 Apply environmental policies and procedures in the gas supply industry

Modification History

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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 environmental control measure procedures, including:
 - installation of sediment and erosion control measures in accordance with legislative or best practice requirements
 - weed spread mitigation
 - chemical management controls, including safety data sheets (SDS), storage, labelling and bunding
 - noise control techniques and work hour limitations
 - air emission control measures
 - waste management principles (recycling)
 - hazardous waste management
 - water management requirements (works near waterways)
 - vegetation management requirements
 - fauna protection
 - heritage management techniques
 - community consultation requirements
 - rehabilitation requirements
- applying relevant environmental and workplace safety requirements
- 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
- applying environmental incident review procedures, including:
 - environmental incident review
 - incident reporting and notification
 - incident investigation
 - recommendations to prevent reoccurrence
- identifying potential environmental hazards
- identifying environmental aspects and potential or actual impacts.

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:

- causes of environmental damage/incidents/accidents and problems, including:
 - chemicals
 - oil
 - water contamination
 - carcinogenic agents
 - gases
 - dusts
 - vehicles
 - plant
 - equipment
 - waste contamination and noise
 - poor planning and work practices and procedures
- employee and employer responsibilities under relevant environmental legislation, regulations, codes and workplace procedures
- environmental hazards, risk assessment, control measures and incident responses
- environmental protection equipment
- environmental protection procedures, records, inspections/audit and incident reporting
- relevant environmental legislation, regulations, standards, Acts and codes of practice
- role of regulatory bodies in monitoring environmental activities, risk and incident compliance
- relevant workplace policies and procedures, including:
 - use of plant/machinery/equipment/tools/vehicles
 - cleaning materials and aids
 - spill response equipment
 - sediment erosion control equipment
 - waste disposal
 - emission control and sampling equipment
- environmental incident review procedures, including:
 - environmental incident review
 - incident reporting and notification
 - incident investigation
 - recommendations to prevent reoccurrence
- 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 workplace documentation, records, reports and data sheets
- risk mitigation processes
- sustainable energy principles and practices.

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

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