



Australian Government

UEGNSG134 Establish a utilities infrastructure work site

Release: 1

UEGNSG134 Establish a utilities infrastructure work site

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 establish utilities infrastructure work sites.

It includes planning and scheduling work, organising resources, materials, procedures and the site for required utilities work activities in accordance with relevant legislation, industry standards, codes of practice and workplace procedures and complete work and 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

Unit Sector

Gas Industry

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare to establish a utilities work site

PERFORMANCE CRITERIA

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

- 1.1** Work health and safety (WHS)/occupational health and safety (OHS), environmental and sustainable energy control measures and workplace policies and procedures for the site are identified, obtained and applied

- 1.2 Job requirements for the work site are obtained and discussed with relevant persons/ to confirm the work schedule
 - 1.3 Hazards are identified and reported to relevant person/s to assess risks and control measures implemented in accordance with workplace procedures
 - 1.4 Work is confirmed with relevant person/s in accordance with job requirements and workplace procedures
 - 1.5 Resources, equipment, tools, materials, drawings, notices and personal protective equipment (PPE) required for the work are identified, obtained and checked for correct operation and safety in accordance with workplace procedures and manufacturer instructions
 - 1.6 Responsibilities for work site safety and emergency response procedures for an incident at the work site are checked and confirmed with relevant person/s in accordance with workplace procedures
 - 1.7 Client issues are referred to relevant person/s in accordance with industry standards and workplace procedures
 - 1.8 Site preparation, safety plan and work schedule are confirmed with relevant person/s in accordance with workplace procedures
- 2 **Establish a utilities work site**
 - 2.1 WHS/OHS risk control measures, schedule of work and workplace procedures for carrying out work are followed
 - 2.2 Machines/plant/equipment are confirmed as being safe in accordance with WHS/OHS requirements and workplace procedures
 - 2.3 Relevant tools and equipment required for the work are selected and used correctly and safely in accordance with manufacturer instructions and workplace procedures
 - 2.4 Work is carried out to the required standard, without waste of materials or damage to equipment, the surrounding environment or services and using sustainable energy principles

	2.7	Unplanned events or conditions are referred to relevant person/s for instructions in accordance with workplace procedures
	2.8	Quality and safety checks of work are carried out in accordance with workplace procedures
3 Complete work and relevant documentation	3.1	WHS/OHS risk control measures for work completion are followed
	3.2	Work site is tidied and made safe in accordance with workplace procedures
	3.3	Tools, equipment and any surplus resources/materials are cleaned, checked and securely stored in accordance with workplace procedures
	3.4	Relevant person/s are notified of work completion in accordance with workplace procedures
	3.5	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 replaces and is equivalent to UEGNSG134A Establish a utilities infrastructure work site.

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 UEGNSG134 Establish a utilities infrastructure work site

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:

- accessing and using site plans, safety plans, drawings and notices
- advising stakeholders of upcoming work
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including:
 - checking tools, equipment, machines, plant and personal protective equipment (PPE) for correct operation and safety
 - implementing control measures for identified hazards
 - maintaining a safe and clean work site
 - obtaining and applying relevant workplace procedures
 - working safely with hazardous materials and equipment
- applying sustainable energy and environmental principles and practices
- cleaning, checking and storing tools, equipment and surplus resources/materials
- communicating with relevant stakeholders
- 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
- determining a utilities work site
- following workplace procedures to identify, control and minimise the impact of an environmental incident
- interpreting and following instructions and workplace procedures, including obtaining and interpreting job requirements and work schedules.

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:

- effective communication techniques
- environmental and sustainable energy principles and practices, including techniques to

minimise waste

- relevant equipment, tools and machinery
- relevant industry standards, guidelines, codes of practice and regulations
- relevant manufacturer specifications
- relevant materials, notices, drawings, diagrams and resources
- relevant safe work method statements (SWMS)/job safety assessments or risk mitigation processes, including:
 - quality and safety checks
 - relevant PPE
 - relevant safety and environmental hazards and mitigation measures
- relevant WHS/OHS legislated requirements
- relevant workplace documentation
- relevant workplace policies and procedures
- site preparation, safety plans, job requirements and work schedules
- stakeholder communication
- storage requirements for equipment and tools
- techniques to check that machines, plant and equipment are safe, including pre-start checks.

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.

As a minimum, assessment must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment.

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>