



Australian Government

UEGNSG315 Withdraw gas from underground storage

Release: 1

UEGNSG315 Withdraw gas from underground storage

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 withdraw gas from underground storage in accordance with relevant regulations, codes of practice and workplace procedures.

It includes following procedures to correctly withdraw gas at the required flow rates, temperatures and pressures to protect above ground equipment and reservoir storage.

This unit of competency can be applicable to those working in the field as or a control room environment.

The application of the skills and knowledge described in this unit may require a licence/registration to practise in the workplace.

Other conditions may apply under state and territory legislative and regulatory licensing requirements which must be confirmed prior to commencing this unit.

Pre-requisite Unit

Not applicable.

Competency Field

Transmission

Unit Sector

Gas Industry

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare to withdraw gas

PERFORMANCE CRITERIA

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

1.1 Job requirements and workplace procedures for withdrawal are obtained and discussed with relevant

from underground storage	person/s
	1.2 Work health and safety (WHS)/occupational health and safety (OHS), environmental and sustainable energy workplace policies and procedures for withdrawal are obtained
	1.3 Hazards and WHS/OHS risks are identified and eliminated or control measures implemented and monitored
	1.4 Equipment, tools and personal protective equipment (PPE) required for withdrawal are obtained and checked for correct operation and used in accordance with workplace procedures
	1.5 Work site is prepared to minimise risk and damage to above and below ground, equipment and individuals in accordance with work instructions, work schedule and workplace procedures
	1.6 Pre-start checks of withdrawal equipment, pipelines and well heads are undertaken in accordance with regulatory requirements and workplace procedures
	1.7 Isolating and/or deisolating equipment, where applicable, is undertaken according to workplace procedures
2 Withdraw gas from underground storage	2.1 WHS/OHS risk control measures and policies and procedures are followed
	2.2 Hazardous activities are performed safely in accordance with job instructions, regulatory requirements and workplace procedures
	2.3 Wells and equipment performance are monitored for start-up in accordance with plant operating specifications and parameters
	2.4 Gas is withdrawn from underground storage correctly and safely according to flow rate, pressure and temperature requirements and liquid levels produced from the wells
	2.5 Potential hazards and safety risks are identified and reported to authorised person/s for direction in accordance with workplace procedures

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| | <p>2.6 Unplanned events are dealt with or referred to authorised person/s for directions in accordance with level of responsibility and workplace procedures</p> <p>2.7 Quality and safety checks of the work are conducted in accordance with job requirements, industry standards and workplace procedures</p> <p>2.8 Emergency shutdowns are responded to in accordance with workplace procedures</p> |
| 3 Complete work and relevant documentation | <p>3.1 Equipment shutdown is performed in a controlled manner and in accordance with workplace procedures</p> <p>3.2 Isolating and/or deisolating equipment, where applicable, is undertaken according to workplace procedures</p> <p>3.3 Work area is cleaned up and made safe in accordance with job instructions and workplace procedures</p> <p>3.4 Tools, equipment and any surplus resources and materials are cleaned, checked and returned to storage in accordance with workplace procedures</p> <p>3.5 Relevant person/s are notified of work completion in accordance with workplace procedures</p> <p>3.6 Work completion records and report forms are completed in accordance with job instructions and workplace procedures</p> |

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 is a new unit.

Links

Companion Volume Implementation Guides are found in VETNet -

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