



Australian Government

UEGNSG505 Operate and monitor gas infrastructure to meet nominated demand

Release: 1

UEGNSG505 Operate and monitor gas infrastructure to meet nominated demand

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 operate and monitor gas infrastructure to meet nominated demand.

It includes assessing and responding to anticipated demand of gas infrastructure, including products and services, communicating with stakeholders, and dealing with product and service issues.

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

Pre-requisite Unit

MSS402061 Use SCADA systems in operations

Competency Field

Gas Control Centre (Gas System Operations)

Unit Sector

Gas Industry

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare to operate gas infrastructure to meet nominated demand

PERFORMANCE CRITERIA

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

- 1.1** Relevant information, job requirements and workplace procedures are obtained and analysed to assess the extent of preparation required to plan and coordinate the work
- 1.2** Work is prioritised and sequenced for completion within

agreed timeframes following consultation with others in accordance with workplace procedures

- 1.3 Work health and safety (WHS)/occupational health and safety (OHS) hazards and risks are assessed and control measures implemented and monitored in accordance with workplace procedures
- 1.4 Job requirements and workplace procedures for the work are obtained for work sites and communicated to relevant person/s
- 1.5 Gas schedule is produced in accordance with the information collected and workplace procedures
- 1.6 Communication with relevant stakeholders is conducted and gas schedule produced based on bid and/or nomination information
- 1.7 Approval from relevant stakeholders is obtained with possible solutions and options
- 1.8 Person/s participating in the work, including plant operators and contractors, are briefed and responsibilities coordinated and authorised, as required, in accordance with workplace procedures
- 1.9 Plant and safety checks are undertaken in accordance with job requirements and workplace procedures

2 Operate and monitor gas infrastructure to meet nominated demand

- 2.1 WHS/OHS policies and procedures and safe work practices are followed to eliminate or minimise incidents and hazards
- 2.2 Work is performed and coordinated in accordance with work schedule and job requirements
- 2.3 Work schedule is monitored and adjusted to varying customer demands in accordance with requirements and workplace procedures
- 2.4 Abnormal conditions and unplanned events and situations are recognised and responded to in accordance with workplace procedures
- 2.5 Problem-solving and troubleshooting techniques are applied to identified problems in accordance with job requirements and workplace procedures

- 3 Complete and review gas infrastructure work**
- 3.1** Work undertaken is checked against work schedule for conformance with job requirements and anomalies reported in accordance with workplace procedures
 - 3.2** Work completion records, reports and documentation is completed, processed and the appropriate person/s notified 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 UEGNSG511 Operate gas infrastructure to meet nominated demand.

Links

Companion Volume Implementation Guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6a6c032e-ffcb-4f3d-8063-415efbd261e8>