



Australian Government

UEGNSG227 Assist with the construction and laying of gas distribution mains

Release: 1

UEGNSG227 Assist with the construction and laying of gas distribution mains

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 assist with constructing and laying gas distribution mains, and completing relevant documentation whilst working under supervision.

It includes the use of relevant tools and equipment, and working safely in accordance with workplace procedures.

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

Pre-requisite Unit

Not applicable.

Competency Field

Gas Distribution

Unit Sector

Gas Industry

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare to assist construction and laying gas distribution mains

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) and environmental workplace procedures and risk control measures for the site are identified and applied
- 1.2** Job requirements and workplace procedures for the site

are obtained and discussed with supervisor to confirm the work schedule

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| | 1.3 | Hazards are identified and reported to the supervisor to assess risks and control measures implemented in accordance with workplace procedures |
| | 1.4 | Scope of work and responsibility under the relevant work permit/notification is obtained and confirmed with supervisor in accordance with job requirements and workplace procedures |
| | 1.5 | Equipment, plant, tools and personal protective equipment (PPE) required to construct and lay gas distribution mains are identified, obtained and checked for operation and safety in accordance with workplace procedures |
| | 1.6 | Supervisor is consulted to ensure work is coordinated effectively with others involved |
| | 1.7 | Materials, plans, diagrams, drawings and resources required to construct and lay gas distribution mains are obtained in accordance with workplace procedures |
| | 1.8 | Safety and emergency procedures for an incident at the work site are checked and confirmed with supervisor |
| | 1.9 | Third-party issues are referred to supervisor as required in accordance with workplace procedures |
| | 1.10 | Site preparation, safety plan and work schedule are confirmed with supervisor in accordance with workplace procedures |
| 2 | Assist in the construction and laying of gas distribution mains | |
| | 2.1 | WHS/OHS and environmental risk control measures, schedule of work and workplace procedures for carrying out work are followed |
| | 2.2 | Materials, tools, equipment and measuring devices required for the work are selected and used correctly and safely in accordance with manufacturer instructions and workplace procedures |
| | 2.3 | Hazardous activities including lifting, climbing, using power tools, and working in excavations and trenches are conducted safely in accordance with WHS/OHS workplace procedures and job instructions |

- 2.4 Assistance in preparing and trenching the excavation for laying of pipe is provided in accordance with industry standards and workplace procedures
 - 2.5 Assistance in constructing and laying of gas distribution mains is provided in accordance with industry standards and workplace procedures
 - 2.6 Work is carried out to the required standard without waste of materials or damage to apparatus, equipment, and the surrounding environment or services using sustainable energy principles
 - 2.7 WHS/OHS risks, incidents, accidents and unplanned events are reported to the supervisor in accordance with workplace procedures
- 3 **Complete the work and relevant documentation**
 - 3.1 WHS/OHS and environmental risk control measures for work completion are followed
 - 3.2 Supervisor is notified of work completion 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 Work site is tidied and made safe in accordance with workplace procedures
 - 3.5 Relevant work documentation is completed and provided to the supervisor 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 UEGNSG227A Assist with the construction and laying of gas distribution mains.

Links

Companion Volume Implementation Guides are found in VETNet -

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