



Australian Government

**UEGNSG204 Coordinate and conduct gas
distribution pipeline repair and
modifications**

Release: 1

UEGNSG204 Coordinate and conduct gas distribution pipeline repair and modifications

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 prepare, coordinate and conduct gas distribution pipeline repair and modifications.

It includes on-the-job inspecting, testing, identifying, recommission the gas distribution pipeline, notifying relevant person/s of work completion, and completing documentation and reports in accordance with relevant industry standards and 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 for the coordination of gas distribution pipeline repairs and modifications

PERFORMANCE CRITERIA

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

1.1 Work schedule/s, drawings, plans, job requirements and material lists are obtained, analysed and confirmed, as required, by site inspection and identified repair/modification communicated to relevant person/s in accordance with workplace procedures

- 1.2** Plans, specifications and other relevant information and workplace procedures for the work are obtained for all work sites and communicated to all relevant person/s in accordance with workplace procedures
- 1.3** Work health and safety (WHS)/occupational health and safety (OHS) and environmental workplace policies and procedures related to the work are obtained and applied
- 1.4** Work is prioritised and sequenced for completion within acceptable timeframes following consultation with relevant person/s in accordance with workplace procedures
- 1.5** Hazards are identified, WHS/OHS risks are assessed and control measures implemented in accordance with workplace procedures
- 1.6** Relevant work permit/s are obtained to access, isolate/de-isolate systems and perform work in accordance with job requirements and workplace procedures
- 1.7** Equipment, tools and personal protective equipment (PPE) required for the job are identified, scheduled, obtained and checked for correct operation and safety in accordance with workplace procedures
- 1.8** Relevant persons at work site are confirmed to be current in first aid and other related requirements in accordance with work procedures
- 1.9** Communication issues with relevant stakeholders are resolved and work coordinated in accordance with work schedule and workplace procedures
- 1.10** Site is prepared to minimise risk and damage to property, commerce and individuals in accordance with the work schedule and workplace procedures
- 1.11** Person/s participating in the work are briefed and responsibilities coordinated and confirmed in accordance with job requirements and workplace procedures
- 1.12** Road signs, barriers and warning devices are positioned in accordance with job requirements, workplace procedures and traffic management plan

- 2 Coordinate and conduct gas pipeline repair or modification**
- 2.1 WHS/OHS and environmental risk control measures and policies and workplace procedures are followed
 - 2.2 Hazardous activities are conducted safely in accordance with regulatory requirements and workplace procedures
 - 2.3 Gas distribution pipeline repair and modifications are coordinated to ensure completion in agreed timeframe and to required industry standards with a minimum of waste in accordance with job requirements and workplace procedures
 - 2.4 Coordination of gas distribution pipeline repair and modifications are carried out in accordance with the work schedule and workplace procedures
 - 2.5 Hazard warnings and safety signs are recognised, hazards and WHS/OHS risks assessed and reported to authorised persons for directions in accordance with workplace procedures
 - 2.6 Pipeline repair/modification work is conducted and monitored and unplanned events, amendments and modifications in the pipeline repair are undertaken in accordance with workplace procedures
 - 2.7 Unplanned situations are responded to in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
 - 2.8 Pipeline is inspected and tested and quality and safety checks of work undertaken in accordance with industry standards and workplace procedures
- 3 Recommission gas distribution pipeline to operational conditions and complete relevant documentation**
- 3.1 System is recommissioned to meet distribution pipeline requirements and work undertaken is checked against work schedule for conformance and anomalies reported in accordance with workplace procedures
 - 3.2 Accidents and injuries are reported as required in accordance with workplace procedures
 - 3.3 Work site is rehabilitated, cleaned up and made safe in accordance with workplace procedures
 - 3.4 Tools, equipment and any surplus resources and materials are cleaned, checked and returned to storage in

accordance with workplace procedures

- 3.5 Relevant work permit/s are signed off and pipeline is returned to service in accordance with job requirements and workplace procedures
- 3.6 Records and drawings are updated to reflect repair, modifications and work completion records and reports as installed and relevant documentation completed, processed and 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 UEGNSG204B Coordinate and conduct gas distribution pipeline repair and modifications.

Links

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