



**Australian Government**

# **UEGNSG213 Construct, lay and connect a gas distribution service to a steel main**

**Release: 1**

# UEGNSG213 Construct, lay and connect a gas distribution service to a steel main

## 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 excavate bed preparation and construct, lay and connect a gas service to a steel main, and complete the work and relevant documentation.

It includes installing the meter in accordance with industry standards and regulatory requirements. It also includes using relevant tools and equipment, working safely in accordance with workplace procedures and complying with relevant legislative, industry standards and codes of practice requirements.

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 construct and lay a gas service to a steel main**

### 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) workplace procedures and environmental measures for the site are identified, obtained and applied**

- 1.2 Job requirements and workplace procedures for the site are obtained and discussed with relevant person/s to confirm the work schedule
  - 1.3 WHS/OHS, environmental and sustainable energy policies and procedures are obtained and applied in accordance with workplace procedures
  - 1.4 Hazards are identified, risks are assessed and control measures prioritised, implemented and monitored in accordance with workplace procedures
  - 1.5 Work permit and/or relevant notification is obtained and confirmed with relevant person/s in accordance with job requirements and workplace procedures
  - 1.6 Equipment, plant, tools and personal protective equipment (PPE) required to construct and lay gas services are identified, obtained and checked for correct operation and safety in accordance with workplace procedures
  - 1.7 Relevant person/s are consulted to ensure the work is coordinated effectively with others involved
  - 1.8 Materials, plans, diagrams, drawings and resources required to construct and lay gas services are confirmed, scheduled and obtained in accordance with workplace procedures
  - 1.9 Safety and emergency procedures for an incident at the work site are checked and confirmed with relevant person/s
  - 1.10 Third-party issues are referred to relevant person/s in accordance with established procedures
  - 1.11 Site preparation, safety plan and work schedule are confirmed with relevant person/s in accordance with workplace procedures
- 2 Construct and lay a gas service to a steel main**
- 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 are conducted safely in accordance with given instructions and to requirements
  - 2.4 Excavation bed is prepared for laying of pipe in accordance with industry standards and workplace procedures
  - 2.5 Construction and laying of gas services to steel main are conducted 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 and accidents are reported to authorised person/s for directions in accordance with workplace procedures
  - 2.8 Unplanned events are referred to authorised person/s for directions in accordance with workplace procedures
  - 2.9 Pipework is tested and quality and safety checks of installation are carried out in accordance with work instructions and industry standards
- 3 Complete the work and relevant documentation**
- 3.1 WHS/OHS and environmental risk control measures for work completion are followed
  - 3.2 Relevant person/s are notified of work completion in accordance with workplace procedures
  - 3.3 Tools, equipment and any surplus resources and 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 Work documentation is completed 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 UEGNSG213B Construct, lay and connect a gas distribution service to a steel main.

## **Links**

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