



**Australian Government**

**UEGNSG347 Perform routine maintenance  
on transmission pipeline facilities and  
equipment**

**Release: 1**

# UEGNSG347 Perform routine maintenance on transmission pipeline facilities and equipment

## 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 perform routine maintenance on transmission pipeline facilities and equipment, and complete work and relevant documentation.

It includes using equipment, tools and testing devices, performing routine maintenance and identifying faults.

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

## Pre-requisite Unit

Not applicable.

## Competency Field

Gas Transmission

## Unit Sector

Gas Industry

## Elements and Performance Criteria

### ELEMENTS

Elements describe the essential outcomes.

**1 Prepare for routine maintenance on transmission pipeline facilities and equipment**

### PERFORMANCE CRITERIA

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

- 1.1** Work schedule, drawings, plans, job requirements and material lists are obtained and analysed in accordance with workplace procedures
- 1.2** Relevant technical, work health and safety

(WHS)/occupational health and safety (OHS), environmental and workplace procedures for the work are obtained for all work sites and communicated to relevant person/s

- 1.3** Work is prioritised and sequenced for completion within acceptable timeframes following consultation with relevant stakeholders in accordance with workplace procedures
  - 1.4** Hazards are identified, WHS/OHS risks are assessed and control measures prioritised, implemented and monitored in accordance with workplace procedures
  - 1.5** Facilities/equipment are safely isolated, depressurised, tagged and locked out and relevant permit/s to access and perform work are obtained in accordance with workplace procedures
  - 1.6** Resources, including appropriately licensed persons, equipment, tools and personal protective equipment (PPE), required for the job are identified, obtained and checked for correct operation and safety
  - 1.7** Communication issues with relevant stakeholders are resolved and work coordinated in accordance with work schedule and workplace procedures
  - 1.8** Site is prepared to minimise risk and damage to property, commerce and individuals in accordance with work schedule and workplace procedures
  - 1.9** Members of the work party are briefed about permit conditions and responsibilities coordinated and confirmed in accordance with work schedule and workplace procedures
  - 1.11** Signs, barriers and warning devices are positioned in accordance with job requirements and workplace procedures
- 2 Perform routine maintenance on transmission pipeline facilities and equipment**
- 2.1** WHS/OHS risk control measures and environmental policies and procedures are followed in accordance with workplace procedures
  - 2.2** Relevant materials, tools, equipment and measuring devices required for the maintenance are selected and used correctly and safely in accordance with

manufacturer instructions and workplace procedures

**2.3** Hazardous activities are performed safely in accordance with relevant workplace procedures, codes and legislation

**2.4** Routine maintenance of transmission pipeline facilities and equipment is performed in agreed timeframe and to quality standard with a minimum of waste in accordance with work schedule and workplace procedures

**2.5** Hazard warnings and safety signs are recognised and hazards and WHS/OHS risks are reported to authorised person/s for directions in accordance with workplace procedures

**2.6** Unplanned events and non-routine problems are identified and safely resolved in accordance with workplace procedures

**2.7** Fault-finding and troubleshooting techniques are applied to identify any routine maintenance required in accordance with job requirements and workplace procedures

**2.8** Quality checks are undertaken in accordance with workplace procedures

### **3 Complete work and relevant documentation**

**3.1** Work undertaken is checked against work schedule for conformance and anomalies reported to relevant person/s 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 facilities/equipment is returned to service in accordance with job requirements and workplace procedures

**3.6** Work completion records, documentation, reports as installed/ modified drawings, are 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 UEGNSG347A Perform routine maintenance on transmission pipeline facilities and equipment.

## **Links**

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