



Australian Government

UEGNSG040 Use a portable detector to locate a combustible gas escape

Release: 1

UEGNSG040 Use a portable detector to locate a combustible gas escape

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 use a portable gas detector to locate a combustible gas escape.

It includes using portable gas detection devices to locate, pinpoint and classify gas escapes and completing relevant documentation in accordance with relevant legislative, industry standards and code 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

Support Services

Unit Sector

Gas Industry

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare to use portable gas detection device

PERFORMANCE CRITERIA

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

- 1.1** Workplace safety, environmental and sustainable energy practices for the site are identified, obtained and understood
- 1.2** Gas or vapour to be detected is determined from

- workplace documentation and/or in consultation with relevant person/s
- 1.3** Gas detection devices are checked for calibration and response in accordance with manufacturer instructions and workplace procedures for use with the appropriate combustible gas
 - 1.4** Personal protective equipment (PPE) is obtained and checked for correct operation and safety in accordance with workplace procedures for use with the appropriate combustible gas
- 2 Use gas detectors and pinpoint gas escapes**
- 2.1** Workplace safety risk control measures and environmental policies and procedures are followed in accordance with workplace procedures
 - 2.2** Gas detection device is used in accordance with manufacturer instructions, workplace procedures and environmental conditions
 - 2.3** Gas properties and characteristics and environmental conditions are considered and monitored when determining probable areas that gases could accumulate
 - 2.4** Gas detector readings are interpreted correctly, converted to relevant percentage and recorded in accordance with regulations and workplace procedures
 - 2.5** Gas escapes are located and pinpointed in accordance with workplace procedures
 - 2.6** Required actions are determined and communicated to relevant person/s in accordance with workplace procedures
- 3 Complete the use of gas detector equipment and complete relevant documentation**
- 3.1** Gas detection devices are purged, disassembled and stored in accordance with manufacturer instructions and workplace procedures
 - 3.2** Storage, use and calibration records of the gas detection device are maintained in accordance with workplace procedures
 - 3.3** Worksite is cleaned, reinstated and made safe in accordance with workplace procedures
 - 3.4** Incidents are reported and followed up as required in

accordance with workplace procedures

3.5 Relevant person/s is notified of work completion in accordance with workplace procedures

3.6 Reports and documentation are completed accurately, and readings recorded and maintained 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 UEGNSG006 Use a portable detector to locate escape.

Links

Companion Volume Implementation Guides are found in VETNet -

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