



Australian Government

UEGNSG006 Use a portable gas detector to locate escape

Release: 1

UEGNSG006 Use a portable gas detector to locate 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 gas escape.

It includes ensuring workplace is safe from explosive, toxic gases and vapours by using portable gas detection devices in locating and pin-pointing 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** Work health and safety (WHS)/occupational health and safety (OHS) workplace procedures for gas/vapour detection are identified and applied
- 1.2** Gas or vapour to be detected is determined from workplace documentation and/or in consultation with

relevant person/s

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| | <p>1.3 Gas detection devices are checked for calibration and response in accordance with manufacturer instructions and workplace procedures</p> <p>1.4 Personal protective equipment (PPE) is obtained and checked for correct operation and safety in accordance with workplace procedures</p> |
| 2 Use gas detectors and pin-point gas escapes | <p>2.1 WHS/OHS policies and procedures relating to gas/vapour detection are followed</p> <p>2.2 Gas detection device is used in accordance with manufacturer instructions, workplace procedures and environmental conditions</p> <p>2.3 Gas detection readings are recorded in accordance with workplace procedures</p> <p>2.4 Gas properties and environmental conditions are considered and monitored when determining probable areas that gases could accumulate</p> <p>2.5 Gas detector readings are interpreted correctly and converted to relevant percentage in accordance with regulations and workplace procedures</p> <p>2.6 Gas escapes are located and pin-pointed in accordance with workplace procedures</p> <p>2.7 Required actions are determined and communicated to relevant person/s in accordance with workplace procedures</p> |
| 3 Complete the use of gas detector equipment and complete relevant documentation | <p>3.1 Gas detection devices are purged, disassembled and stored in accordance with manufacturer instructions and workplace procedures</p> <p>3.2 Storage, use and calibration records of the gas detection device are maintained in accordance with workplace procedures</p> <p>3.3 Relevant person/s are notified of work completion in accordance with workplace procedures</p> <p>3.4 Reports and documentation are completed accurately and readings recorded and maintained in accordance</p> |

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 UEGNSG006A Use a portable gas 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>