



Australian Government

UEGNSG063 Operate and maintain gas station water bath heaters

Release: 1

UEGNSG063 Operate and maintain gas station water bath heaters

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 operate and maintain gas station water bath heaters and associated equipment in accordance with relevant legislation, codes of practice, industry standards and regulations.

It includes operating and maintaining both gas fired and electric water bath heaters in trunk receiving stations (TRS) and pressure reduction stations.

This unit applies to the following the types of gas facilities, subject to workplace safety and duty of care requirements being met for the workplace:

- TRS
- pressure reduction station.

This unit is intended for non-electrical workers and electrical work is undertaken by a person with an unrestricted or restricted electrical licence.

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

Pre-requisite Unit

Not applicable.

Competency Field

Gas Cross Discipline

Unit Sector

Gas Industry

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential Performance criteria describe the performance needed to

outcomes.

demonstrate achievement of the element.

1 Prepare to operate and maintain gas station water bath heaters

- 1.1** Workplace safety and environmental control measures for the site are identified, obtained and applied
- 1.2** Job requirements are interpreted from plans, specifications and instructions
- 1.3** Relevant job requirements and workplace procedures for work activities are discussed with relevant person/s to determine and confirm work schedule and respective responsibilities
- 1.4** Workplace safety, environmental and sustainable energy policies and procedures are obtained and applied in accordance with workplace procedures
- 1.5** Workplace safety risks are assessed and prioritised, and control measures implemented and monitored in accordance with workplace procedures
- 1.6** Scope of responsibility under the relevant work permits and/or relevant notification is determined and confirmed to access, isolate/de-energise systems and perform work in accordance with job requirements and workplace procedures
- 1.7** Equipment, tools and personal protective equipment (PPE) required for the work are identified, scheduled, obtained and checked for correct operation and safety in accordance with workplace procedures and manufacturer instructions
- 1.8** Relevant person/s is consulted to ensure work activity is coordinated effectively with person/s involved
- 1.9** Materials, manuals, plans, diagrams, drawings and resources required for work are confirmed, scheduled and obtained in accordance with workplace procedures
- 1.10** Third-party issues are referred to relevant person/s in accordance with workplace procedures
- 1.11** Site preparation, safety plan, first aid and related workplace safety procedures and work schedule are confirmed in accordance with workplace procedures

2 Operate and maintain gas

- 2.1** Workplace safety risk control measures and environmental policies and procedures are followed in

station water bath heater	accordance with workplace procedures
2.2	Appropriate materials, tools, equipment and measuring devices are selected and used safely in accordance with manufacturer instructions and workplace procedures
2.3	Hazardous activities are conducted safely in accordance with regulatory requirements and workplace procedures
2.4	Work is coordinated to ensure completion in agreed timeframe and to industry standards with a minimum of waste in accordance with job requirements and workplace procedures
2.5	Alarms, codes and hazard warnings are correctly recognised, and the correct response strategy is selected and applied in accordance with workplace procedures
2.6	Information on gas temperature, water levels and utility supply gas is collected, analysed and reported in accordance with workplace procedures
2.7	Maintenance of components is conducted in accordance with work schedule and workplace procedures
2.8	Water bath heater components are maintained and operated in accordance with workplace procedures
2.9	Faults and operational conditions of the components are identified, repaired or replaced, and reported in accordance with organisational job requirements
2.10	Unplanned events and non-routine problems are identified and actioned in accordance with workplace procedures
2.11	Quality and safety checks of the work are conducted in accordance with job requirements, workplace procedures and community and industry standards
3 Complete work and relevant documentation	
3.1	Workplace safety risk control measures and workplace procedures for work completion are followed
3.2	Worksite is cleaned/tidied and made safe in accordance with workplace procedures
3.3	Tools, equipment and any surplus resources and materials are cleaned and securely stored in accordance with workplace and environmental procedures

- 3.4 Incidents and injuries 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 Work completion documentation is completed and provided to appropriate 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 UEGNSG137 Operate and maintain gas station water bath heaters.

Links

Companion Volume Implementation Guides are found in VETNet -

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