



Australian Government

Assessment Requirements for UEGNSG203 Evaluate and extinguish gas fire

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the UEG - Gas Industry Training Package.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least two occasions and include:

- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including:
 - actioning and reporting accidents and incidents
 - applying relevant legislation standards, regulations and codes of practice
 - applying relevant workplace policies and procedures
 - hazard identification and reporting
 - implementing risk control measures
- assessing the incident and recommending a safe working site or zone
- cleaning and maintaining the area after the work is completed in accordance with workplace procedures/policies
- collecting and stowing equipment, tools and personal protective equipment (PPE) after the job is completed
- completing required documentation and reporting
- confirming emergency/incident and preparing to respond to an emergency
- dealing with unplanned events and situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
- evaluating the incident site and collecting evidence
- extinguishing fire using the right equipment taking into account surrounding environment and other hazard conditions
- following emergency and fire response procedures
- identifying and evaluating threats to the integrity of gas pipelines and work site
- using the right extinguishing techniques and the appropriate equipment and media to extinguish at least two of the following types of fire:
 - a gas ground surface fire
 - a gas meter fire
 - an impinging fire
 - an upright fire.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- criteria for determining whether to monitor, extinguish or isolate a gas fire
- different causes of fire
- extinguishing techniques
- hazardous substances and dangerous goods
- hazards, risk assessments and control measures
- relevant legislation, industry standards, regulations and codes of practice
- relevant WHS/OHS legislated requirements
- relevant workplace documentation, report and records
- relevant workplace policies and procedures including gas isolation
- sources of reignition
- the impact of fires on the operating conditions of the gas assets including:
 - gas flow
 - integrity of pipe and cylinder material
 - pressure fluctuations
- the properties of gases and gas fires
- types of extinguishing media for gas fires
- types of personal protective clothing and equipment
- WHS/OHS hazard control measures and risk assessments.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in simulated workplace operational situations that replicate fire conditions. Use of alternative similar gaseous fuels is appropriate.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or other simulations
- relevant and appropriate materials, tools, equipment and personal protective equipment (PPE) currently used in industry
- applicable documentation, including workplace procedures, equipment specifications, regulations, codes of practice and operation manuals.

Links

Companion Volume Implementation Guides are found in VETNet -

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