



Australian Government

UEGNSG715 Use data logging equipment

Release: 1

UEGNSG715 Use data logging 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 use data logging equipment.

It includes efficient planning and scheduling the use of data logging equipment. It also includes connecting and removing mobile data loggers, capturing and recording the data received from data logging equipment.

The application of the skills and knowledge described in this unit may require a licence/registration to practise in the workplace.

Other conditions may apply under state and territory legislative and regulatory licensing requirements which must be confirmed prior to commencing this unit.

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 data logging equipment

PERFORMANCE CRITERIA

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

1.1 Work instructions are obtained and confirmed with relevant person/s

1.2 Work health and safety (WHS)/occupational health and

safety (OHS) policies and workplace procedures are identified, communicated and confirmed to ensure they are applied in the carrying out of work activities

- 1.3 Tools and equipment for work are identified, scheduled and checked to ensure they work correctly and are safe to use in accordance with workplace procedures
- 1.4 Relevant person/s is consulted to ensure the work is coordinated effectively with others
- 1.5 Resources and materials needed for work are confirmed, scheduled and obtained in accordance with workplace procedures
- 1.6 Schedule of work, including practices for working safely, are confirmed in accordance with workplace instructions and requirements

2 Use data logging equipment

- 2.1 WHS/OHS policies and workplace procedures for safe work practices are followed to eliminate or minimise incidents
- 2.2 Equipment, plant or technologies are used in accordance with schedule of work to ensure work is completed in agreed timelines, to required quality standard and with a minimum of waste
- 2.3 Data logging equipment is connected to asset in accordance with workplace procedures
- 2.4 Data is captured and recorded in accordance with job instructions, manufacturer instructions and workplace procedures
- 2.5 Unplanned situations are responded to in accordance with workplace procedures in a manner that minimises risk to personnel and equipment

3 Complete use of data logging equipment

- 3.1 Data records are maintained in accordance with job requirements, manufacturer instructions, workplace procedures
- 3.2 Relevant person/s is notified of work completion using equipment, plant or technologies
- 3.3 Data logging equipment is removed from asset in accordance with workplace procedures

- 3.4 Tools, equipment and materials are appropriately cleaned, checked and returned to storage in accordance with workplace procedures
- 3.5 Workplace record/s are updated, if required, in accordance with work instructions and 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 Companion Volume Implementation Guide.

Data logging equipment must include at least one of the following:

- usage measurement
- pressure measurement

Unit Mapping Information

This is a new unit.

Links

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

Assessment Requirements for UEGNSG715 Use data logging equipment

Modification History

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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 separate occasions and include:

- applying relevant legislation, regulations, industry and community standards and codes of practice
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements
- capturing and recording data using data logging equipment
- carrying out data logging and recording processes in accordance with workplace procedures and manufacturer instructions
- checking tools, equipment, testing devices and personal protective equipment (PPE) for correct operation and safety
- cleaning, checking and storing tools, equipment and surplus resources/materials
- completing schedule of work
- completing workplace documentation
- connecting and removing data logging equipment
- dealing with unplanned events/situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
- following manufacturer instructions
- following workplace procedures and instruction
- referring issues
- updating work records
- using and returning tools, equipment, personnel protective equipment, surplus resources and materials
- using relevant communication devices, including smartphones and laptops.

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:

- customer metering equipment and components
- hazards, risk assessments and control measures

- operating instruction for tools, equipment and technologies
- oral and written format for reporting data reading
- quality checks
- relevant authorities
- relevant legislation, industry and community standards, codes and regulations
- relevant materials, tools, equipment and devices, including:
 - smartphones and laptops
 - measuring equipment
 - hand tools
 - PPE
- relevant manufacturer instructions
- relevant permits and authorisations required
- relevant security measures
- relevant WHS/ OHS policies, procedures and legislated requirements
- relevant workplace documentation, forms, reports and manuals, including paper based and electronic types
- relevant workplace policies, procedures and instructions
- site and data issues
- types of meters used for utilities industries
- work schedules and job requirements.

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 suitable workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated suitable workplace operational situations that replicate workplace conditions.

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 simulations
- relevant and appropriate materials, tools, facilities, equipment and personal protective equipment (PPE) currently used in industry
- applicable documentation, including workplace procedures, equipment specifications, regulations, relevant industry standards, codes of practice and operation manuals.

Links

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