



Australian Government

UEGNSG701 Disconnect and reconnect data logging equipment

Release: 1

UEGNSG701 Disconnect and reconnect 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 disconnect and reconnect data logging equipment, complete work and relevant workplace records and documentation.

This unit applies to any work site where meters and data loggers are installed, and subject to all work health and safety (WHS)/occupational health and safety (OHS) and duty of care requirements being met for the workplace.

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 disconnect and reconnect data logging equipment

PERFORMANCE CRITERIA

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

1.1 Instructions for the work are obtained and confirmed with relevant person/s in accordance with workplace procedures and manufacturer instructions

- 1.2 Job requirements and workplace procedures for the work are discussed with relevant person/s to confirm the work schedule
 - 1.3 Work health and safety (WHS)/occupational health and safety (OHS) requirements and workplace procedures for relevant work area are identified, obtained and applied
 - 1.4 Relevant work permit/authorisations are obtained and confirmed with relevant person/s in accordance with job requirements and workplace procedures
 - 1.5 Location and access to equipment is organised and confirmed
 - 1.6 Resources, including equipment, tools, materials and personal protective equipment (PPE), required to undertake activities are identified, obtained and checked for correct operation and safety in accordance with workplace procedures and manufacturer instructions
 - 1.7 Issues are referred to appropriate person/s in accordance with industry standards and workplace procedures
 - 1.8 Work site is prepared, safety plan and work schedule are confirmed with relevant person/s in accordance with workplace procedures
- 2 Disconnect and reconnect data logging equipment**
- 2.1 WHS/OHS risk control measures, schedule of work and workplace procedures for carrying out work are followed
 - 2.2 Stray current testing and protection is undertaken in accordance with industry standards, regulations and workplace procedures
 - 2.3 Data logging equipment is disconnected and reconnected correctly and safely in accordance with manufacturer instructions and workplace procedures
 - 2.4 Work is carried out to the required quality standard, without waste of materials or damage to apparatus, equipment, and the surrounding environment or services
 - 2.5 Hazard warnings and safety signs are recognised, hazards assessed and WHS/OHS risks reported to authorised person/s for directions in accordance with workplace procedures

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| | 2.6 | Unplanned events are dealt with in consultation with relevant person/s and in accordance with workplace procedures and manufacturer instructions |
| | 2.7 | Data logging interface is aligned, tested and verified |
| | 2.8 | Quality and safety checks of the work are undertaken in accordance with job instructions, industry standards and workplace procedures |
| 3 Complete work and relevant documentation | 3.1 | WHS/OHS risk control measures for work completion measures and procedures are followed |
| | 3.2 | Final checks are performed to ensure quality of work complies with manufacturer instructions, industry standards and regulations |
| | 3.3 | Relevant person/s are notified of work completion in accordance with workplace procedures |
| | 3.4 | Equipment, tools and any surplus resources and materials are cleaned, checked and stored securely or disposed of in accordance with workplace procedures |
| | 3.5 | Work area is tidied and made safe in accordance with job instructions and workplace procedures |
| | 3.6 | Work completion records and documentation are completed in accordance with job 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 Gas Industry Training Package Companion Volume Implementation Guide.

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 UEGNSG701 Disconnect and reconnect data logging equipment

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 separate occasions and include:

- aligning, testing and verifying data logging interface
- applying relevant industry standards, guidelines, codes of practice and regulations
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including:
 - hazard identification and reporting
 - implementing risk control measures
 - recognising hazard warnings and safety signs
 - selecting and using relevant personal protective equipment (PPE)
- communicating effectively with relevant personnel and customers
- completing work and relevant documentation
- dealing with unplanned events/situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
- disconnecting and reconnecting data logging equipment
- following manufacturer instructions
- following work schedule, safety plan and job requirements
- following workplace policies and procedures
- identifying and accessing materials, tools, equipment and testing devices
- jointing and terminating wiring for data logging equipment safely and correctly according to manufacturers' instructions and industry standards
- maintaining a clean and safe work site
- performing quality, safety and final checks
- referring issues
- undertaking stray current testing and protection
- 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:

- communication skills to liaise with internal and external person/s
- customer metering equipment and components
- quality, safety and final checks
- relevant legislation, industry standards, guidelines, codes of practice and regulations
- relevant manufacturer instructions
- relevant permits required
- relevant safe work method statements (SWMS)/job safety assessments or risk mitigation processes
- relevant tools, equipment and devices, including:
 - cable tracers
 - multimeters
 - smartphones and laptops
 - testing equipment
 - wire jointing equipment
- relevant WHS/OHS policies and procedures, including:
 - environmental and safety hazards
 - hazard identification
 - hazard warnings and safety signs
 - relevant PPE
 - risk assessment and control measures
 - safety requirements for entering domestic and commercial customer sites
- relevant WHS/OHS legislated requirements
- relevant workplace documentation, forms, reports and manuals, including paper based and electronic types
- relevant workplace policies and procedures
- site and data issues
- site preparation, work schedules, safety plans and job requirements
- stray current testing and protection.

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 workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated 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 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

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