



Australian Government

Assessment Requirements for UEERA0006 Apply safety awareness and legal requirements for carbon dioxide refrigerant

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the UEE Electrotechnology 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, performance criteria and range of conditions on at least two separate occasions and include:

- applying relevant work health and safety (WHS)/occupational health and safety (WHS/OHS) requirements and workplace procedures and practices, including using risk control measures
- applying safe working practices to carbon dioxide (CO²) refrigerant safety data sheets (SDS)/material safety data sheets (MSDS)
- applying safe working practices to safely handle and store CO² refrigerant cylinders
- completing required documentation
- dealing with unplanned events/situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
- participating in consultation processes, identifying hazards and implementing and monitoring control measures
- preparing to enter the workplace, including the use of work permits and clearances and isolation permissions
- taking remedial action within workplace emergency response procedures and job role.

Knowledge Evidence

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

- benefits of using CO² as a refrigerant (R744)
- CO² cylinder handling and storage requirements
- CO² refrigerant properties
- chlorofluorocarbon (CFC)/hydrofluorocarbon (HFC) phase out
- emergency procedures and incident management requirements and procedures
- refrigerant 2T Hazchem codes
- relevant CO² refrigeration system manufacturer specifications
- relevant industry standards, codes and practice requirements

- relevant job safety assessments or risk mitigation processes, including personal protective equipment (PPE)
- relevant WHS/OHS legislated requirements
- relevant workplace documentation
- relevant workplace policies and procedures
- safe working practices with CO² refrigerant
- SDS/MSDS.

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 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=b8a8f136-5421-4ce1-92e0-2b50341431b6>