



Australian Government

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.

Application

This unit involves the skills and knowledge required to apply safety awareness and legal requirements for carbon dioxide (CO²) refrigerant.

It includes applying safety and legal requirements when handling, using and storing CO² refrigerants.

The skills and knowledge in this unit will be applied by those managing, supervising or working in or near a location that contains refrigeration equipment using CO² refrigerant. These could include managers, supervisors, maintenance staff, cleaners, employees and refrigeration and air conditioning technicians

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

Pre-requisite Unit

Not applicable.

Competency Field

Refrigeration and air-conditioning

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

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

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| 1 Prepare to work with CO² | 1.1 Work health and safety (WHS)/occupational health and safety (OHS) hazards, risk control methods, relevant |
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refrigerant		standards, codes and legislation are obtained and applied in accordance with workplace procedures
	1.2	Electrical and non-electrical isolation are identified and carried out to prevent creation of hazards from loss of machine/system/process control in accordance with workplace procedures
	1.3	Tools and equipment needed for the work are checked for safety and correct functionality in accordance with workplace procedures and regulatory requirements
2 Apply safe work practices in using CO²refrigerant	2.1	CO ² refrigerant workplace procedures and work instructions for controlling risk are followed
	2.2	Accidents, fires and emergencies are responded to in accordance with workplace procedures and within scope of own responsibility in a manner that minimises risk to personnel and equipment
3 Follow workplace procedures for hazard identification and risk control of CO²refrigerant	3.1	CO ² refrigerant hazards are identified, risk assessed and control measures implemented and monitored through active participation in the consultation process with work supervisor and others
	3.2	WHS/OHS incident records are completed in accordance with regulatory requirements and workplace procedures
	3.3	CO ² refrigerant workplace instructions and training are followed 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 UEE Electrotechnology Training Package Companion Volume Implementation Guide.

Applying safety awareness and legal requirements for CO² refrigerant must include the following:

- safe handling, storage and transport of CO² refrigerant cylinders
- labelling requirement for CO² refrigerant

cylinders and systems containing CO² refrigerant

- personal protective equipment (PPE) required for the safe handling of CO² refrigerant

Unit Mapping Information

This unit replaces and is equivalent to UEENEEJ184A Apply safety awareness and legal requirements for carbon dioxide refrigerant.

Links

Companion Volume implementation guides are found in VETNet - -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b8a8f136-5421-4ce1-92e0-2b50341431b6>