



Australian Government

UEERA0007 Apply safety awareness and legal requirements for flammable refrigerants

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 legislative requirements for Class A2, A2L and A3 flammable refrigerants.

It includes applying safety and relevant legislation to safely handle and store flammable refrigerants.

Dangerous goods and ozone protection, work health and safety (WHS)/occupational health and safety (OHS), and synthetic greenhouse gas management legislative requirements apply to this unit.

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

Pre-requisite Unit

Not applicable

Competency Field

Refrigeration and air-conditioning

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

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

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| 1 Prepare to work with flammable refrigerants | 1.1 WHS/OHS requirements, legislative requirements and workplace procedures for a given work area are identified, obtained and applied |
| | 1.2 Work area access permits are obtained from relevant person/s in accordance with workplace procedures |
| | 1.3 Preparations for electrical and non-electrical isolation to prevent hazards from loss of machine/system/process control are conducted in accordance with WHS/OHS and workplace procedures |
| | 1.4 Tools and equipment required for work are checked for safety and correct functionality in accordance with workplace procedures and relevant industry standards |
| 2 Apply safe working practices to flammable refrigerants | 2.1 WHS/OHS risk control measures, legislative requirements and workplace procedures for carrying out the work are followed |
| | 2.2 Workplace procedures for dealing with accidents, fires and emergencies are followed in accordance with WHS/OHS, legislative requirements and workplace procedures |
| 3 Follow workplace procedures for hazard identification and risk control of flammable refrigerants | 3.1 Hazards are identified and risk control measures implemented and monitored in consultation with relevant person/s |
| | 3.2 Hazards in the work area are recognised and reported to relevant person/s in accordance with workplace procedures |
| | 3.3 WHS/OHS records of incidents are completed in accordance with relevant industry standards and workplace procedures |
| | 3.4 Workplace instructions and training are followed in accordance 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 flammable refrigerants must include the following:

- class A2, A2L and A3 refrigerants
- safe handling, storage and transport of flammable refrigerant cylinders
- labelling requirement for flammable refrigerant cylinders and systems containing flammable refrigerant
- personal protective equipment (PPE) required for the safe handling of flammable refrigerant

Unit Mapping Information

This unit replaces and is equivalent to UEENEEJ174A Apply safety awareness and legal requirements for flammable refrigerants.

Links

Companion Volume implementation guides are found in VETNet - -

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