



Australian Government

**Assessment Requirements for UEERA0005
Apply safety awareness and legal
requirements for ammonia 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, workplace procedures and practices, including:
 - using risk control measures
 - following workplace procedures for hazard identification and risk control of ammonia refrigerant
- applying safe working practices to safely handle and store ammonia refrigerant cylinders
- applying working procedures and instructions as they apply to risk control measures
- completing required documentation dealing with accidents and emergencies within the scope of responsibility
- dealing with unplanned events/situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
- identifying ammonia (R717) refrigerant safety data sheets (SDS)/material safety data sheets (MSDS) and workplace emergency response procedures
- participating in consultation processes, identifying hazards and implementing and monitoring control measures
- preparing to enter workplace, including using work permits, 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:

- ammonia (R717) refrigerant SDS/MSDS
- emergency procedures and incident management requirements and procedures
- hazardous goods, segregation, storage and handling of ammonia refrigerant
- refrigerant disposal requirements

- relevant acts, regulations, codes of practice and industry standard requirements
- relevant ammonia cylinder safe handling and storage requirements
- relevant job safety assessments or risk mitigation processes, including safety management and risk management
- relevant WHS/OHS legislated, regulations and codes of practice related to hazards using ammonia refrigerant in refrigeration and air conditioning systems
- relevant workplace documentation
- relevant workplace policies and procedures, including specific safety procedures and work instructions related to working with refrigeration and air conditioning systems containing ammonia refrigerant
- safe work practices with ammonia refrigerant, including:
 - flammability of ammonia
 - physical effects of ammonia
 - properties of ammonia.

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, emergency response plan, 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>