



Australian Government

Assessment Requirements for UEERA0063 Recover, pressure test, evacuate, charge and leak test refrigerants - appliances

Release: 1

Assessment Requirements for UEERA0063 Recover, pressure test, evacuate, charge and leak test refrigerants - appliances

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 legislation, industry standards, codes of practice and regulations
- applying relevant work, health and safety (WHS)/occupational health and safety (OHS) requirements, including:
 - applying safe working practices
 - identifying hazards
 - implementing safe handling procedures
 - using risk control measures
- completing and reporting on work activities
- preparing to recover refrigerants, pressure and leak test, evacuate and charge refrigeration appliances
- recovering refrigerants, pressure and leak testing, evacuating and charging refrigerant appliance, including:
 - completing documentation
 - conducting pressure testing at appropriate pressure level without damaging components
 - dealing with unplanned events/situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
 - evacuating system to required level
 - evacuating system to required standard using vacuum measuring instruments
 - locating and rectifying leaks
 - removing and storing refrigerant
 - using flammable and non-flammable refrigerants
 - selecting materials and equipment
- using manufacturer specifications and manuals.

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:

- flammable and non-flammable refrigerants
- recover, pressure and leak test, evacuate and charge refrigerant appliances, including:
 - refrigerant properties
 - safe handling practices
 - refrigeration oil recovery and reclaim procedures
 - pressure testing
 - leak detection
 - evacuation and dehydration
 - refrigerant and oil charging
 - system contamination
 - refrigeration component replacement
- relevant legislation, industry standards, codes of practice and regulations
- relevant manufacturer specifications
- relevant risk mitigation processes, including:
 - safe working practices
 - potential hazards
 - risk control measures
- relevant WHS/OHS legislated requirements
- relevant workplace documentation
- relevant workplace policies and procedures.

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, industry standards, 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>