



Australian Government

AURETU102 Recover vehicle refrigerants

Release: 1

AURETU102 Recover vehicle refrigerants

Modification History

Release	Comments
Release 1	This version first released with AUR Automotive Retail, Service and Repair Training Package Version 6.0

Application

This unit describes the skills and knowledge required to recover vehicle air conditioner refrigerants in designated recovery cylinders for disposal according to safety and environmental procedures while observing critical precautions, given that refrigerant may be flammable.

The unit applies to those who work as vehicle dismantlers, automotive parts recycling contractors, and vehicle body repairers in automotive service and repair workplaces who are required to recover automotive air conditioning refrigerants. Automotive air conditioners, including heating, ventilation and air conditioning (HVAC) systems, include those in agricultural machinery, heavy commercial vehicles, light vehicles or mobile plant machinery.

Licensing requirements apply to this unit. Users are advised to check with the relevant regulatory authority. An Australian Refrigeration Council accredited (ARCtick) Restricted Refrigerant Recoverer licence is required for those carrying out this work.

Unit Sector

Electrical Technical – Air Conditioning and HVAC

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare to recover refrigerant	1.1 Identify job requirements from workplace instructions 1.2 Obtain and interpret refrigerant recovery information, including Australian automotive code of practice 1.3 Identify hazards and environmental issues, assess potential risks and implement control measures in line with workplace policies and procedures 1.4 Identify vehicle air conditioning system, components and

ELEMENT	PERFORMANCE CRITERIA
	refrigerant service ports for refrigerant recovery 1.5 Identify equipment, personal protective equipment (PPE) and firefighting equipment for refrigerant recovery and establish serviceability according to workplace procedures
2. Operate recovery equipment	2.1 Identify vehicle refrigerant with a refrigerant identifier or analyser 2.2 Weigh recovery cylinder and record available capacity and tare weight of cylinder 2.3 Connect recovery equipment to vehicle according to manufacturer specifications, workplace procedures, workplace health and safety and environmental requirements 2.4 Recover refrigerant and transfer into designated recovery cylinder using recovery equipment according to manufacturer specifications, workplace procedures, and workplace health safety and environmental requirements
3. Complete work processes	3.1 Record quantity and details of recovered refrigerant according to workplace procedures and regulatory requirements 3.2 Clear work area according to workplace procedures 3.3 Complete Australian Refrigeration Council accredited (ARCTick) service decal sticker and workplace documentation according to workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Learning	<ul style="list-style-type: none"> Locates required sources of information efficiently
Reading	<ul style="list-style-type: none"> Interprets text, symbols and diagrams in workplace and safe operating procedures and manufacturer specifications
Oral communication	<ul style="list-style-type: none"> Asks questions to clarify job requirements
Numeracy	<ul style="list-style-type: none"> Matches refrigerant types and identification numbers to workplace procedures and code of practice requirements Interprets weight measurements, including tare and gross weights Interprets readings on digital and analogue pressure gauges Completes numerical data in documentation and charts

SKILL	DESCRIPTION
Planning and organising	<ul style="list-style-type: none">• Plans own work requirements• Prioritises actions to achieve required outcomes• Ensures tasks are completed within workplace timeframes
Technology	<ul style="list-style-type: none">• Uses workplace technology and tools

Unit Mapping Information

Supersedes and is equivalent to AURETU002 Recover vehicle refrigerants.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>