



**Australian Government**

# **AUR31716 Certificate III in Forklift Technology**

**Release 1**

## AUR31716 Certificate III in Forklift Technology

### Modification History

Release	Comment
Release 1	New qualification.

### Qualification Description

This qualification reflects the role of individuals who perform a broad range of tasks on a variety of forklift systems in the automotive retail, service and repair industry.

### Entry Requirements

This qualification may be accessed by direct entry.

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

## Packaging Rules

**Total number of units = 28**

**18** core units, plus

**10** elective units, of which:

- up to **10** units may be chosen from the Elective Units listed below
- up to **5** units may be chosen from a Certificate II qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

## Core Units

Unit code	Unit title	Prerequisite unit
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace	
AURASA002	Follow safe working practices in an automotive workplace	
AURETR012	Test and repair basic electrical circuits	
AURETR025	Test, charge and replace batteries and jump-start vehicles	
AURETR029	Diagnose and repair charging systems	
AURETR030	Diagnose and repair starting systems	
AURNTA001	Inspect, service and repair forklift mast assemblies	
AURNTB001	Diagnose and repair forklift hydraulic braking systems	
AURNTD001	Diagnose and repair forklift hydrostatic steering systems	
AURTTA004	Carry out servicing operations	
AURTTA005	Select and use bearings, seals, gaskets, sealants and adhesives	
AURTTA006	Inspect and service hydraulic systems	
AURTTA013	Diagnose and repair hydraulic systems	
AURTTA018	Carry out diagnostic procedures	
AURTTB001	Inspect and service braking systems	
AURTTC003	Diagnose and repair cooling systems	

Unit code	Unit title	Prerequisite unit
AURTTE004	Inspect and service engines	
AURTTK002	Use and maintain tools and equipment in an automotive workplace	

### Elective Units

Unit code	Unit title	Prerequisite unit
AURACA001	Respond to customer needs and enquiries in an automotive workplace	
AURAF003	Communicate effectively in an automotive workplace	
AURETH001	Depower and reinitialise battery electric vehicles	
AURETH002	Service and maintain battery electric vehicles	AURETH001
AURETK002	Use and maintain electrical test equipment in an automotive workplace	
AURETR007	Apply knowledge of automotive electrical circuits and wiring systems	
AURETR010	Repair wiring harnesses and looms	
AURETR011	Install basic ancillary electrical systems and components	
AURETR019	Inspect, service and repair AC electric motor drive systems	
AURETR021	Inspect, service and repair electronic management, monitoring and tracking systems	
AURETR023	Diagnose and repair spark ignition engine management systems	
AURETR024	Diagnose and repair compression ignition engine management systems	
AURETR028	Diagnose and repair instruments and warning systems	
AURETR031	Diagnose and repair ignition systems	

<b>Unit code</b>	<b>Unit title</b>	<b>Prerequisite unit</b>
AURETR032	Diagnose and repair automotive electrical systems	
AURETR044	Diagnose and repair integrated engine and transmission management systems	
AURETU003	Service air conditioning and HVAC systems	
AURETU004	Diagnose and repair air conditioning and HVAC systems	
AURETU005	Retrofit and modify air conditioning and HVAC systems	
AURHTB001	Diagnose and repair heavy vehicle air braking systems	
AURHTE001	Remove and install heavy vehicle engine assemblies	
AURHTE002	Diagnose and repair heavy vehicle compression ignition engines	
AURHTF002	Diagnose and repair heavy vehicle diesel fuel injection systems	
AURHTJ006	Remove, inspect, repair and refit heavy vehicle tyres and tubes	
AURHTQ002	Diagnose and repair heavy commercial vehicle final drive assemblies	
AURHTZ001	Diagnose and repair heavy vehicle emission control systems	
AURKTR001	Diagnose and repair electronic over hydraulic control systems	
AURLTB003	Diagnose and repair light vehicle hydraulic braking systems	
AURLTD004	Diagnose and repair light vehicle steering systems	
AURLTD005	Diagnose and repair light vehicle suspension systems	
AURLTD006	Carry out light vehicle wheel alignment operations	
AURLTE001	Remove and install light vehicle engine assemblies	
AURLTE002	Diagnose and repair light vehicle engines	
AURLTJ001	Select light vehicle tyres and wheels for specific applications	
AURLTJ002	Remove, inspect, repair and refit light vehicle tyres and tubes	
AURLTJ003	Remove, inspect and refit light vehicle wheel and tyre	

Unit code	Unit title	Prerequisite unit
	assemblies	
AURLTQ001	Diagnose and repair light vehicle final drive assemblies	
AURLTX002	Diagnose and repair light vehicle automatic transmissions	
AURLTX003	Diagnose and repair light vehicle clutch systems	
AURLTZ001	Diagnose and repair light vehicle emission control systems	
AURTTA009	Carry out mechanical pre-repair operations	
AURTTA011	Install hydraulic systems to specified applications	
AURTTA012	Fabricate and install fluid power hose assemblies	
AURTTA017	Carry out vehicle safety inspections	
AURTTB003	Machine brake drums and brake disc rotors	
AURTTB006	Inspect, service and repair auxiliary braking systems	
AURTTD002	Inspect and service steering systems	
AURTTD004	Inspect and service suspension systems	
AURTTF001	Inspect and service petrol fuel systems	
AURTTF002	Inspect and service diesel fuel injection systems	
AURTTF005	Diagnose and repair engine forced-induction systems	
AURTTF006	Diagnose and repair petrol carburettor systems	
AURTTJ001	Balance wheels and tyres	
AURTTK001	Use and maintain measuring equipment in an automotive workplace	
AURTTL001	Inspect and service CNG fuel systems	
AURTTL002	Diagnose and repair CNG fuel systems	
AURTTL007	Inspect and service LPG fuel systems	
AURTTL008	Diagnose and repair LPG fuel systems	

Unit code	Unit title	Prerequisite unit
AURTTQ001	Inspect and service final drive assemblies	
AURTTQ003	Inspect and service drive shafts	
AURTTW001	Carry out soft soldering techniques	
AURTTX002	Inspect and service manual transmissions	
AURTTX003	Inspect and service automatic transmissions	
AURTTX004	Inspect and service hydrostatic transmissions	
AURTTX006	Diagnose and repair hydrostatic transmissions	
AURTTZ002	Diagnose and repair exhaust systems	
AURVTW001	Carry out manual metal arc welding on components	
AURVTW002	Carry out oxyacetylene brazing of components	
AURVTW003	Carry out advanced gas metal arc welding on vehicle body sections	
AURVTW008	Carry out oxyacetylene welding, thermal heating and cutting	
AURVTW009	Carry out basic gas metal arc welding	

## Qualification Mapping Information

Equivalent to AUR31712 Certificate III in Forklift Technology

## Links

Implementation Guide -

[http://companion\\_volumes.vetnet.education.gov.au/Pages/TrainingPackage.aspx?pid=2](http://companion_volumes.vetnet.education.gov.au/Pages/TrainingPackage.aspx?pid=2)