

# Motor Mechanic

(ANZSCO: 321211)



Fact Sheet

## Job description

Motor Mechanics repair, maintain and test motor vehicle and other internal combustion engines and related mechanical components.

Their job involves:

- detecting and diagnosing faults in engines and parts
- dismantling and removing engine assemblies, transmissions, steering mechanisms and other components, and checking parts
- repairing and replacing worn and defective parts and reassembling mechanical components, and referring to service manuals as needed
- performing scheduled maintenance services, such as oil changes, lubrications and engine tune-ups, to achieve smoother running of vehicles and ensure compliance with pollution regulations
- reassembling engines and parts after being repaired
- testing and adjusting mechanical parts after being repaired for proper performance
- diagnosing and testing parts with the assistance of computers.

The qualification relevant to this job is [AUR30616 Certificate III in Light Vehicle Mechanical Technology](#).

**NOTE:** This trade assessment is for generic motor mechanics dealing with light vehicles. It does not extend to heavy vehicle road transport or mobile equipment mechanic or specialty areas such as automotive air-conditioning mechanic, brake mechanic, diesel motor mechanic, motorcycle mechanic or outboard motor mechanic.

### How will I be assessed?

Assessment is conducted in two stages:

#### Documentary Evidence Assessment:

We will review your training and employment evidence to ensure you have:

- with no formal training – five years work experience.
- with formal training – three years work experience
- the range of skills and knowledge required by a Motor Mechanic.

Your experience may include time spent in workplace-based training, up to a maximum of 12 months.

Your evidence must show you have worked in your occupation for at least 12 months within the last 3 years

[For more information on the documents required for Documentary Evidence Assessment Stage, see the Evidence Guide on our website.](#)

#### Technical Interview:

If you are successful in Documentary Evidence Assessment, an assessor will assess you via a technical interview.

The technical interview will be conducted in English and no interpreters are allowed.

[For more information on Technical Interview, see the Technical Interview Guide on our website.](#)

## What skills and knowledge do I need?

To be awarded the qualification [AUR30616 Certificate III in Light Vehicle Mechanical Technology](#), you must demonstrate your skill and knowledge in a number of units of competency. Each unit of competency defines a selection of knowledge and skill required in Australian workplaces.

## You must achieve 36 units of competency:

**Total number of units = 36**

- **20 core units**, plus
- **16 elective units.**

AURAEA002	Follow environmental and sustainability best practice in an automotive workplace	Core
AURASA002	Follow safe working practices in an automotive workplace	Core
AURETR012	Test and repair basic electrical circuits	Core
AURETR023	Diagnose and repair spark ignition engine management systems	Core
AURETR025	Test, charge and replace batteries and jump-start vehicles	Core
AURETR029	Diagnose and repair charging systems	Core
AURETR030	Diagnose and repair starting systems	Core
AURETR031	Diagnose and repair ignition systems	Core
AURLTZ001	Diagnose and repair light vehicle emission control systems	Core
AURLTB003	Diagnose and repair light vehicle hydraulic braking systems	Core
AURLTD004	Diagnose and repair light vehicle steering systems	Core
AURLTD005	Diagnose and repair light vehicle suspension systems	Core
AURLTE002	Diagnose and repair light vehicle engines	Core
AURTTA004	Carry out servicing operations	Core
AURTTA018	Carry out diagnostic procedures	Core
AURTTB001	Inspect and service braking systems	Core
AURTTTC003	Diagnose and repair cooling systems	Core
AURTTTE004	Inspect and service engines	Core
AURTTTF001	Inspect and service petrol fuel systems	Core
AURTTTK002	Use and maintain tools and equipment in an automotive workplace	Core
AURETR043	Diagnose and repair electronic body management systems	Elective
AURTTTC001	Inspect and service cooling systems	Elective
AURLTD006	Carry out light vehicle wheel alignment operations	Elective

AURLTJ002	Remove, inspect, repair and refit light vehicle tyres and tubes	Elective
AURLTQ001	Diagnose and repair light vehicle final drive assemblies	Elective
AURLTQ012	Diagnose and repair light vehicle drive shafts	Elective
AURLTX001	Diagnose and repair light vehicle manual transmissions	Elective
AURLTX013	Diagnose and repair light vehicle clutch systems	Elective
AURTTA005	Select and use bearings, seals, gaskets, sealants and adhesives	Elective
AURTTA017	Carry out vehicle safety inspections	Elective
AURTTF002	Inspect and service diesel fuel injection systems	Elective
AURTTJ011	Balance wheels and tyres	Elective
AURTTK001	Use and maintain measuring equipment in an automotive workplace	Elective
AURTTX002	Inspect and service manual transmissions	Elective
AURTTX003	Inspect and service automatic transmissions	Elective
AURETR044	Diagnose and repair integrated engine and transmission management systems	Elective
AURETR011	Install basic ancillary electrical systems and components	Elective
AURETR022	Diagnose and repair vehicle dynamic control systems	Elective
AURETR024	Diagnose and repair compression ignition engine management systems	Elective
AURTTF005	Diagnose and repair engine forced-induction systems	Elective
AURTTD002	Inspect and service steering systems	Elective
AURTTD004	Inspect and service suspension systems	Elective
AURTTZ002	Diagnose and repair exhaust systems	Elective

## What can I expect to be asked at the Technical Interview?

- Write answers to Workplace Health and Safety (WHS) questions, environment questions, correct manual handling techniques and complete a Job Safety Analysis (JSA)
- Test and trace an electrical circuit system on a starting system
- Remove and replace distributor in an ignition system
- Inspect and repair a drive shaft

## What programs does this assessment fall under?

This assessment comes under the following programs and regions:

- OSAP (Europe & All states of Australia)
- TRS (All states of Australia)
- TSS (Europe & All states of Australia)

## What will I receive after the assessment?

If you **successfully** complete the Technical Interview you will receive the following:

- an Australian Certificate III qualification and a Statement of Results
- a migration outcome letter if the assessment is to support your visa application.

If you are **unsuccessful** in Technical Interview you will receive:

- a Statement of Attainment that lists the units of competency you successfully achieved
- a Statement of Results that lists units of competency you have successfully achieved and those that were not achieved.

## Where can I find more information?

Please refer to our website: <https://www.attc.org.au/trades-recognition> 

Any queries may be directed to:

Australian Trade Training College Ltd  
294 Scarborough Road  
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