VETASSESS

Motor Mechanic

(General)

ANZSCO Code: 321211

Occupation Description:

Motor Mechanics maintain, test and repair internal combustion engines and the mechanical parts of lightweight motor vehicles such as transmissions, suspension, steering and brakes.



Their job involves:

- detecting and diagnosing mechanical and electrical 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, 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.

Motor Mechanics may also:

- inspect vehicles and issue roadworthiness certificates or detail work required to achieve roadworthiness.
- respond to vehicle breakdown service calls.

NOTE:

This occupation is for motor mechanics working with light vehicles in the automotive retail, service and repair industry. It does not extend to heavy commercial vehicle, mobile plant, motorcycle or agricultural equipment mechanics or specialty areas such as automotive air-conditioning, brake or small engine mechanics.

How will I be assessed?

Stage 1: Documentary Evidence Assessment 1

We will review your documentary evidence to ensure it meets the employment and training requirements and indicates that you have the necessary skills, knowledge and experience as a Motor Mechanic (General).

You can find information about the employment, training, and document requirements below:

- For information on what evidence you need to include with your application, download the **Evidence guide.**
- If you are in pathway 1 you also need to find information on assessment for your specific occupation
  - **Video guide**
  - **Observation report**
- For information about the employment experience requirements for a Pathway 1 application, please refer to the **Pathway 1 Employment Experience Guidelines**.
- If you are applying for a Pathway 2 assessment:
  - read the **Pathway 2 Assessment Guide.**
  - complete and submit **Observation report** with your application

Stage 2: Technical Assessment 2

If you are successful in Stage 1, you will complete a technical assessment.

For more information about the technical assessment, see the **Pathway 1 Technical Assessment Guide** and **Pathway 2 Candidate Guide**.

What skills and knowledge do I need?

The qualification relevant to this occupation is the **AUR30620 Certificate III in Light Vehicle Mechanical Technology**. To be awarded this qualification, you must demonstrate your skills and knowledge in the units of competency listed in the table below. Each unit of competency defines a selection of knowledge and skills required in Australian workplaces.

You must achieve 36 units of competency:

- 20 core units
- 16 elective units

General automotive workplace skills

Code	Title
AURAFA103	Communicate effectively in an automotive workplace
AURASA102	Follow safe working practices in an automotive workplace
AURAFA002	Read and respond to automotive workplace information
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURTTK102	Use and maintain tools and equipment in an automotive workplace
AURTTK001	Use and maintain measuring equipment in an automotive workplace
AURTTA104	Carry out servicing operations
AURTTA118	Develop and carry out diagnostic test strategies

Batteries and electrical systems

Code	Title
AURETR125	Test, charge and replace batteries and jump-start vehicles
AURETR129	Diagnose and repair charging systems
AURETR014	Inspect, test and service starting systems
AURETR130	Diagnose and repair starting systems
AURETR112	Test and repair basic electrical circuits

Engines and cooling systems

Code	Title
AURETR131	Diagnose and repair ignition systems
AURETR123	Diagnose and repair spark ignition engine management systems
AURETR143	Diagnose and repair electronic body management systems
AURTTC001	Inspect and service cooling systems
AURTTC103	Diagnose and repair cooling systems
AURTTE104	Inspect and service engines
AURLTE102	Diagnose and repair light vehicle engines
AURTTA105	Select and use bearings, seals, gaskets, sealants and adhesives

Petrol fuel systems

Code	Title
AURTTF101	Inspect and service petrol fuel systems
AURLTZ101	Diagnose and repair light vehicle emission control systems
AURTTF105	Diagnose and repair engine forced-induction systems

Steering, suspension and braking systems

Code	Title
AURTTD002	Inspect and service steering systems
AURLTD104	Diagnose and repair light vehicle steering systems
AURTTD004	Inspect and service suspension systems
AURLTD105	Diagnose and repair light vehicle suspension systems
AURTTB101	Inspect and service braking systems
AURLTB103	Diagnose and repair light vehicle hydraulic braking systems
AURETR122	Diagnose and repair dynamic vehicle control systems

Transmission and driveline

Code	Title
AURTTX102	Inspect and service manual transmissions
AURTTX103	Inspect and service automatic transmissions
AURTTQ001	Inspect and service final drive assemblies
AURTTQ003	Inspect and service drive shafts
AURLTQ102	Diagnose and repair light vehicle drive shafts

How do I find out more about each unit of competency?

You are strongly encouraged to review each of the units of competency shown above. To do this:

1. Go to the following website: http://training.gov.au

2. Enter a unit code (e.g. MSMWHS200) into the search box.

3. Click on the Nationally recognised training button.

4. Click on the 'Search' button.

5. Read the Unit of Competency information.

Where can I find more information?

Please refer to our website: http://www.vetassess.com.au/skills-assessment-for-migration/trade-occupations

If you have further questions, contact us at:

+61 3 9655 4801

tradeassess@vetassess.com.au