



# Fitter

(General)

ANZSCO Code: 323211

## Occupation Description:

Fitters use tools, machines, equipment and engineering techniques to maintain and repair mechanical plant and equipment to operational standards.



## Their job involves:

- identifying worn/faulty mechanical components and equipment.
- repairing worn/faulty mechanical components and equipment.
- replacing worn/faulty mechanical components and equipment.
- conducting modifications.

Fitters may also:

- perform machining operations.
- maintain hydraulic and pneumatic systems, and their components.
- perform welding operations.

# 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 Fitter.

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 **MEM30219 Certificate III in Engineering – Mechanical Trade and Fitting**. 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 28 units of competency:

- > 12 core units
- > 16 elective units

### Core Units

Code	Title
<b>Safety, communication and quality in engineering</b>	
MEM13015	Work safely and effectively in manufacturing and engineering
MEM16006	Organise and communicate information*
MEM14006	Plan work activities*
MEM11011	Undertake manual handling*
MSMENV272	Participate in environmentally sustainable work practices
MEM17003	Assist in the provision of on-the-job training*
<b>Engineering measurements and tools</b>	
MEM12023	Perform engineering measurements*
MEM12024	Perform computations*
MEM09002	Interpret technical drawing*
MEM16008	Interact with computing technology*
MEM18001	Use hand tools*
MEM18002	Use power tools/hand held operations*

## Elective Units

Code	Title
<b>Precision measurements</b>	
MEM12003	Perform precision mechanical measurement*
MEM18003	Use tools for precision work*
<b>Fitting</b>	
MEM12006	Mark off/out (general engineering)*
MEM07032	Use workshop machines for basic operations*
MEM05005	Carry out mechanical cutting*
MEM18011	Shut down and isolate machines/equipment*
MEM18010	Perform equipment condition monitoring and recording*
MEM18055	Dismantle, replace and assemble engineering components*
MEM18006	Perform precision fitting of engineering components*
MEM18005	Perform fault diagnosis, installation and removal of bearings*
MEM18007	Maintain and repair mechanical drives and mechanical transmission assemblies*
MEM18004	Maintain and overhaul mechanical equipment*
MEM18012	Perform installation and removal of mechanical seals*
MEM18009	Perform precision levelling and alignment of machines and engineering components*
MEM10006	Install machine/plant*
MEM18018	Maintain pneumatic system components*
MEM18020	Maintain hydraulic system components*
MEM15004	Perform inspection*
MEM16005	Operate as a team member to conduct manufacturing, engineering or related activities*

## 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/Search>.
2. Enter a unit code (e.g. MSMWHS200) into the 'Title or code' search box.
3. Click on the 'NRT' 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**



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