VETASSESS

Fitter and Turner

ANZSCO Code: 323212

Occupation Description:

Fitters and Turners fit, assemble, grind and shape metal parts and subassemblies to fabricate production machines and other equipment.



Their job involves:

- Studying drawings and specifications to determine suitable material, method and sequence of operations, and machine settings.
- Cutting, grinding and shaping metal and other materials using specialised tools and machinery.
- Fitting fabricated metal parts into products and assembling metal parts and subassemblies to produce machines and equipment.
- Checking fabricated and assembled metal parts for accuracy, clearance and fit using precision measuring instruments.
- Diagnosing and repairing faults with tools and machinery, and performing regular maintenance.

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 Commercial Cook.

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 (Fitting/machining)**.

To be awarded this qualification, you must demonstrate your skills and knowledge in the units of competency listed in the table on the following pages. Each unit of competency defines a selection of knowledge and skills required in Australian workplaces.

You must achieve 30 units of competency:

- 12 core units.
- 18 elective units.

Core Units

Code	Title
Safety, communication and quality in engineering	
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*
Engineering measurements and tools	
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
Precision measurements	
MEM12003	Perform precision mechanical measurement*
MEM18003	Use tools for precision work*
Fitting	
MEM18010	Perform equipment conditioning 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*
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*
Machining	
MEM12006	Mark off/out (general engineering)*
MEM05005	Carry out mechanical cutting*
MEM07005	Perform general machining*
MEM07006	Perform lathe operations*

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.

The qualification relevant to this occupation is MEM30219 Certificate III in Engineering – Mechanical Trade

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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