VETASSESS

Sheetmetal Trades Worker

ANZSCO Code: 322211

Occupation Description:

Sheetmetal Trades Workers mark out, shape, form and join Sheetmetal and other materials to make products and components.



Their job involves:

- Studying blueprints, drawings and specifications to determine job, material and equipment requirements.
- Selecting metal stock, such as stainless steel, galvanised iron, mild steel, aluminium and copper, and checking sizes, gauges and other dimensions of metal stock against specifications.
- Marking out metal stock with reference points and lines, using templates, gauges and other measuring instruments.
- Cutting metal stock along guidelines using hand and power shears, guillotines and drills.
- Shaping and forming cut metal stock into products using folding and bending machines, rollers, presses and hammers.
- Fitting and assembling components into final products by welding, riveting, soldering, brazing and otherwise joining.
- Finishing assembled products by polishing, filing, sanding and cleaning.

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 Sheetmetal Trades Worker.

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 **MEM31925 Certificate III in Engineering – Fabrication Trade (Sheetmetal Worker)**. 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 29 units of competency:

- 12 core units
- 17 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
Heating and Cutting	
MEM05005	Carry out mechanical cutting*
MEM05007	Perform manual heating and thermal cutting*
Welding safety and processes	
MEM05051	Select welding processes*
MEM05085	Apply safe welding practices*
Routine welding	
MEM05012	Perform routine manual metal arc welding*
MEM05049	Perform routine gas tungsten arc welding*
MEM05050	Perform routine gas metal arc welding*
MEM15004	Perform inspection*
Welding (choose one unit)	
MEM05090	Weld using manual metal arc welding process*
MEM05092	Weld using gas tungsten arc welding process*
MEM05091	Weld using gas metal arc welding process*
Fabrication and assembly	
MEM12007	Mark off/out structural fabrications and shapes*
MEM05037	Perform geometric development*
MEM07024	Operate and monitor machine and process
MEM07028	Operate computer controlled machines and processes
MEM05010	Apply fabrication, forming and shaping techniques*
MEM05089	Assemble fabricated components*
MEM18055	Dismantle, replace and assemble engineering components*
MEM08010	Manually finish/polish materials*

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:

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