



# Are you a qualified tradesperson or technician looking for a career in defence manufacturing?

**DEFENCE  
INDUSTRY**   
THE OTHER FORCE

Enrol now in a half price skill set to get the skills you need to work in defence manufacturing.

**Entry requirements apply.**

## CODED WELDING GAS TUNGSTEN ARC SKILL SET

State ID AE369

### Overview

The Coded Welding Gas Tungsten Arc skill set covers preparing and producing welds to code standards using gas tungsten arc welding. It has been developed specifically to suit the role of a welder in the defence industry; for example those working on projects such as ship or aircraft building or the maintenance of military vehicles.

It will provide existing workers with the skills to be able to weld to the requirements of AS1796 and obtain Certification no. 7 from Weld Australia. You will also gain knowledge and skills on health and safety with welding, setting and maintaining welding parameters, as well as welding in the 2G and 5G weld positions.

### Entry requirements

You must be a qualified tradesperson already working in engineering or manufacturing, looking to upskill into defence manufacturing.

Refer to back page for prerequisites for this skill set.

### Training and career advice

To find out more about jobs in defence manufacturing or this skill set, contact the dedicated defence industry team at the Rockingham Jobs and Skills Centre.

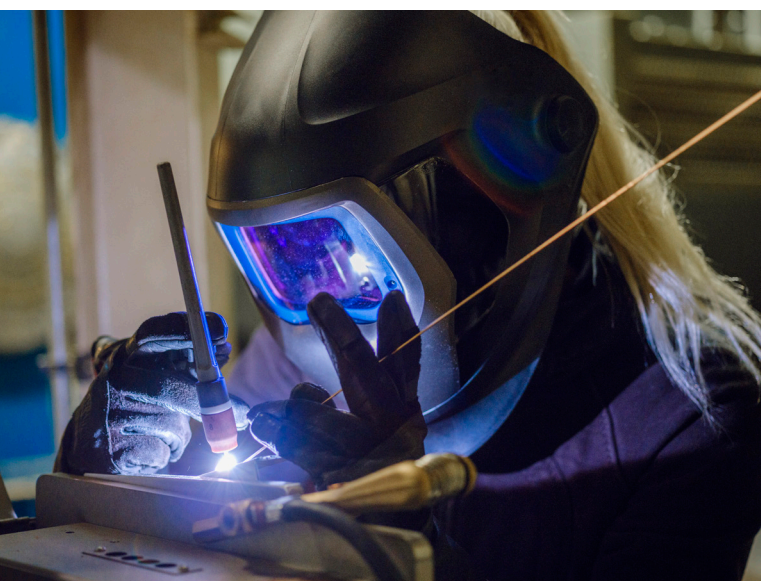
**P: 08 9599 8655**

**E: [defence.careers@smtafe.wa.edu.au](mailto:defence.careers@smtafe.wa.edu.au)**

South Metropolitan TAFE Rockingham campus  
Building G, Simpson Avenue Rockingham

### How to enrol

Visit [southmetrotafe.wa.edu.au](http://southmetrotafe.wa.edu.au)



## Units of competency

Unit code	Unit title
MEM06007B	Perform Basic Incidental Heat/Quenching, Tempering and Annealing
MEM05020C	Perform Advanced Welding using Gas Tungsten Arc Welding Process
MEM05044B	Perform Welds to Code Standards using Gas Tungsten Arc Welding Process

### Prerequisites

Completion of the following units is a prerequisite for this skill set.

- » MEM05007C Perform manual heating and thermal cutting
- » MEM05019D Weld using gas tungsten arc welding process
- » MEM05049B Perform routine gas tungsten arc welding
- » MEM05051A Select welding processes
- » MEM05052A Apply safe welding practices
- » MEM09002B Interpret technical drawing
- » MEM12023A Perform engineering measurements
- » MEM18001C Use hand tools
- » MEM18002B Use power tools/hand held operations
- » MEM05026C Apply welding principles

### Further study options

The units in this skill set may lead to the qualification listed below and other qualifications that allow selection of these units.

#### Half price courses<sup>†</sup>:

- » Certificate IV in Engineering (Welding)
- » Certificate IV in Engineering (Coded Welding)



#### Half price course<sup>†</sup> in 2021:

- » Certificate IV in Engineering

<sup>†</sup>Eligibility criteria applies.