



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.

FLUID POWER SKILL SET

State ID AE371

Overview

The Fluid Power skill set defines the skills and knowledge required for employment as a Higher Engineering Tradesperson or a Special Class Engineering Tradesperson (Mechanical) within metals, engineering, manufacturing and associated occupations, or at equivalent levels in other industries where engineering tradespersons work. It has been developed specifically to suit the role of an engineering supervisor in the defence industry; for example those working on projects such as ship or aircraft building or the maintenance of military vehicles.

This skill set will provide existing workers with specialist skills in hydraulics, fitting and the development of hydraulic systems design. You will gain the practical skills and knowledge to analyse, inspect and maintain hydraulic and pneumatic systems, understanding logic systems and the application of workplace health and safety.

Entry requirements

You must be a qualified mechanical tradesperson who is 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

South Metropolitan TAFE Rockingham campus
Building G, Simpson Avenue Rockingham

How to enrol

Visit southmetrotafe.wa.edu.au



Units of competency

Unit code	Unit title
MEM18018C	Maintain Pneumatic System Components
MEM18019B	Maintain Pneumatic Systems
MEM18020B	Maintain Hydraulic System Components
MEM18021B	Maintain Hydraulic Systems
MEM18022B	Maintain Fluid Power Controls

Prerequisites

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

- » MEM09002B Interpret technical drawing
- » MEM12023A Perform engineering measurements
- » MEM18001C Use hand tools
- » MEM18002B Use power tools/hand held operations
- » MEM18003C Use tools for precision work
- » MEM18006C Repair and fit engineering components
- » MEM18055B Dismantle, replace and assemble engineering components
- » MEM12023A Perform engineering measurements

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[†]:

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



Half price course[†] in 2021:

- » Certificate IV in Engineering

[†]Eligibility criteria applies.