



MEM31322

CERTIFICATE III IN REFRIGERATION AND AIR CONDITIONING

Study With Axial Training To Get The
Skills and Succeed



Axial's MEM31322 Certificate III in Engineering Refrigeration and Air Conditioning qualification provides the knowledge and skills for an apprentice to install, repair and service refrigeration and air conditioning systems. The work includes design, assembly & installation modification, fault finding, commissioning, maintenance and repair of compressors, chiller units, blower unit fan systems, electrical / electronic control units, air balance units, refrigeration recharge units, high and low pressure vacuum pumps and duct work sections.

It also includes the fabrication of pipes and component fitting, and working with electrical/electronics circuits and refrigerant gasses. Successful completion of this qualification will allow you to become a trade-qualified refrigeration and air conditioning mechanic. You will also be able to apply for your Restricted Electrical Licence and full Refrigerant Handling Licence.

Study Mode	Workplace & Online
Duration of Course	Up to 48 Months
Total Units	27 [22 Core & 5 Elective]



Entry Requirements



Employment

This accredited qualification is delivered as an Australian Apprenticeship.

Accordingly, you will need employment as an Apprentice at a suitable employer with a nominated Supervisor who holds this qualification (or recognised equivalent).



Requirements

You will need to have access to a Lap Top or Desk Top Computer with working speakers or headphones and a suitable, reliable internet connection.



Career Outcomes

Refrigeration and
Air Conditioning Mechanic





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Pathways To Further Study

Certificate IV in Engineering

Course Units

Core:

- | | |
|--|---|
| MEM13015 Work safely and effectively in manufacturing and engineering | MEM16006 Organise and communicate information |
| MEM16008 Interact with computing technology | MEM11011 Undertake manual handling |
| MEM12024 Perform computations | MEM12023 Perform engineering measurements |
| MSMENV272 Participate in environmentally sustainable work practices | MEM14006 Plan work activities |
| MEM18001 Use hand tools | MEM18002 Use power tools/hand held operations |
| MEM09002 Interpret technical drawing | MEM17003 Assist in the provision of on-the-job training |
| MEM12002 Perform electrical/electronic measurement | |
| MEM10002 Terminate and connect electrical wiring | |
| MEM18046 Fault find and repair electrical equipment/components up to 1000 volts a.c./1500 volts d.c. | |
| MEM18049 Disconnect/reconnect fixed wired equipment up to 1000 volts a.c./1500 volts d.c. | |
| MEM18055 Dismantle, replace and assemble engineering components | |
| MEM05006 Perform brazing and/or silver soldering | |
| MEM10010 Install pipework and pipework assemblies | |
| MEM18083 Handle fluorocarbon refrigerants according to regulations | |
| MEM18086 Test, recover, evacuate and charge refrigeration systems | |
| MEM10009 Install refrigeration and air conditioning plant and equipment | |

Elective :

- MEM18088 Maintain and repair commercial air conditioning systems and components
- MEM18087 Service and repair domestic and light commercial refrigeration and air conditioning equipment
- MEM18096 Maintain, repair/replace and adjust refrigerant flow controls and associated equipment
- MEM18094 Service and repair commercial refrigeration
- MEM18092 Maintain and repair commercial and/or industrial refrigeration and/or air conditioning controls

CONNECT WITH US FOR MORE



2404 Logan Rd, Eight Mile Plains 4113
382 Sturt St, Townsville 4810
www.axial.edu.au



Qualification delivered by Axial Training RTO 2437 CRICOS 03452C



connect@axial.edu.au



1300 729 425



Skills
Assure

