

Full Refrigeration and Air Conditioning RHL - Units of Competency

MEM30205 Certificate III in Engineering – Mechanical Trade (Refrigeration/Air Conditioning)

- **All of the following units of competency must be achieved**

Unit code	Unit title
MEM05006C	Perform brazing and/or silver soldering
MEM09002B	Interpret technical drawing
MEM10002B	Terminate and connect electrical wiring
MEM10009B	Install refrigeration and air conditioning plant and equipment
MEM10010B	Install pipework and pipework assemblies
MEM12002B	Perform electrical/electronic measurement
MEM12023A	Perform engineering measurements
MEM12024A	Perform computations
MEM13014A	Apply principles of occupational health and safety in the work environment
MEM14004A	Plan to undertake a routine task
MEM14005A	Plan a complete activity
MEM15002A	Apply quality systems
MEM15024A	Apply quality procedures
MEM16006A	Organise and communicate information
MEM16007A	Work with others in a manufacturing, engineering or related environment
MEM16008A	Interact with computing technology
MEM17003A	Assist in the provision of on the job training
MEM18001C	Use hand tools
MEM18002B	Use power tools/hand held operations
MEM18046B	Fault find/repair electrical equipment/components up to 1000 volts a.c./1500 volts d.c.
MEM18049C	Disconnect/reconnect fixed wired equipment up to 1000 volts a.c./1500 volts d.c.
MEM18055B	Dismantle, replace and assemble engineering components
MEM18086B	Test, recover, evacuate and charge refrigeration systems
MSAENV272B	Participate in environmentally sustainable work practices

- **Plus at least 2 of the following units of competency must be achieved**

Unit code	Unit title
MEM18087B	Service and repair domestic and light commercial refrigeration and air conditioning equipment
MEM18088B	Maintain and repair commercial air conditioning systems and components
MEM18089B	Maintain and repair central air handling systems
MEM18090B	Maintain and repair industrial refrigeration systems and components
MEM18091B	Maintain and repair multi stage, cascade and/or ultra-cold industrial refrigeration systems
MEM18092B	Maintain and repair commercial and/or industrial refrigeration and/or air conditioning controls
MEM18094B	Service and repair commercial refrigeration
MEM18096A	Maintain, repair/replace and adjust refrigerant flow controls and associated equipment