

Full Refrigeration and Air Conditioning RHL - Units of Competency

16th March 2020

MEM31319 Certificate III in Refrigeration and Air Conditioning

Competency units to a total value of at least 96 points must be achieved, including:

- All of the following units

Unit code	Unit title
MEM05006	Perform brazing and/or silver soldering
MEM09002	Interpret technical drawing
MEM10002	Terminate and connect electrical wiring
MEM10009	Install refrigeration and air conditioning plant and equipment
MEM10010	Install pipework and pipework assemblies
MEM11011	Undertake manual handling
MEM12002	Perform electrical/electronic measurement
MEM12023	Perform engineering measurements
MEM12024	Perform computations
MEM13015	Work safely and effectively in manufacturing and engineering
MEM14006	Plan work activities
MEM16006	Organise and communicate information
MEM16008	Interact with computing technology
MEM17003	Assist in the provision of on-the-job training
MEM18001	Use hand tools
MEM18002	Use power tools/hand held operations
MEM18083	Handle fluorocarbon refrigerants according to regulations
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
MEM18086	Test, recover, evacuate and charge refrigeration systems
MSMENV272	Participate in environmentally sustainable work practices

- At least 2 of the following units

Unit code	Unit title
MEM18087	Service and repair domestic and light commercial refrigeration and air cond. equipment
MEM18088	Maintain and repair commercial air conditioning systems and components
MEM18089	Maintain and repair central air handling systems
MEM18090	Maintain and repair industrial refrigeration systems and components
MEM18091	Maintain and repair multi stage, cascade and/or ultra-cold industrial refrigeration systems
MEM18092	Maintain and repair commercial and/or industrial refrigeration and/or air cond. controls
MEM18094	Service and repair commercial refrigeration
MEM18096	Maintain, repair/replace and adjust refrigerant flow controls and associated equipment