

Full Refrigeration and Air Conditioning RHL - Units of Competency – v2

MEM30298 Certificate III in Engineering – Mechanical Trade (Refrigeration/Air Conditioning)

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

| Unit code | Unit title |
|------------|---|
| MEM1.1FA | Undertake interactive workplace communication |
| MEM1.2FA | Apply principles of occupational health and safety in the work environment |
| MEM1.3FA | Apply quality procedures |
| MEM1.4FA | Plan to undertake a routine task |
| MEM2.1C12 | Apply quality systems |
| MEM 2.2C11 | Organise and analyse information |
| MEM 2.3C11 | Operate in a work based team environment |
| MEM 2.4C11 | Assist in the provision of on the job training |
| MEM 2.5C11 | Measure with graduated devices |
| MEM2.6C10A | Plan a complete activity |
| MEM2.7C10A | Perform computations – basic |
| MEM2.8C10A | Perform computations |
| MEM2.9C10A | Perform computer operations |
| MEM5.6AA | Perform brazing and/or silver soldering |
| MEM9.2AA | Interpret technical drawing |
| MEM10.2AA | Terminate and connect electrical wiring |
| MEM10.9AA | Install refrigeration and air conditioning plant and equipment |
| MEM10.10AA | Install pipework and pipework assemblies |
| MEM12.2AA | Perform electrical/electronic measurement |
| MEM18.1AB | Use hand tools |
| MEM18.2AA | Use power tools/hand held operations |
| MEM18.46AA | Fault find/repair electrical equipment/components up to 1000 volts a.c./1500 volts d.c. |
| MEM18.49AA | Disconnect/reconnect fixed wired equipment up to 1000 volts a.c./1500 volts d.c. |
| MEM18.55AA | Dismantle, replace and assemble engineering components |
| MEM18.86AA | Test, recover, evacuate and charge refrigeration systems |

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

| Unit code | Unit title |
|------------|---|
| MEM18.87AA | Service and repair domestic and light commercial refrigeration and air conditioning equipment |
| MEM18.88AA | Maintain and repair commercial air conditioning systems and components |
| MEM18.89AA | Maintain and repair central air handling systems |
| MEM18.90AA | Maintain and repair industrial refrigeration systems and components |
| MEM18.91AA | Maintain and repair multi stage, cascade and/or ultra-cold industrial refrigeration systems |
| MEM18.92AA | Maintain and repair commercial and/or industrial refrigeration and/or air conditioning controls |
| MEM18.94AA | Service and repair commercial refrigeration |