



64788

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Certificate III in Electrotechnology Refrigeration & Air-conditioning

Week No.

Year

Profiling Registration No.

Apprentice Surname

Apprentice Signature

Registration number grid

Surname grid

Signature box

Completed forms can be faxed, posted or emailed



PO Box 273 Salisbury QLD 4107 cards@eprofiling.com.au Ph: 1300 477 808 Fax: 1300 655 134

Elective

Total of all hours

Hours grid

- Leave without pay
Off-job training
Sick leave (medical)
Annual leave / RDO

- Install piping & tubing
Refrigerants & lubricants
Disconn/reconn fixed wired equip conn to low voltage
Locate & rectify faults in low volt equip to procedures
Attach cords & plugs
Elective 1 - Solve Problems
Elective 2 - Service
Elective 3 - Carry Out Operations
Elective 4 - Repair
Diagnose / rectify faults
Install refrig/air cond
Commission refrig/air con
Selection

Table with columns for tasks (e.g., plan, carry out, direct supervision, piping & tubing, refrigerants, equipment type, procedure) and rows for time intervals (up to 1 hr, 2 hours, 4 hours, 8 hours, 16 hours, 32 hours).

- Work practices: hazards identification, sustainability, safe work practice, OHS practice, monitor energy usage, working safely at heights, isolation, tagging, taping off.
Supplementary supporting work: dealing with customers, provide basic instructions, loading & unloading materials, admin duties, store duties, maintain doc, general duties, provide quotes, using plant & equipment, building structure patch up, obtain & prepare equipment, welding, cutting, drilling, threading and fabricating.

- Electives: beverage dispensers, central air conditioning systems, dairy refrigeration systems, hydronic systems, ice making systems, industrial refrigeration systems, post mix refrigeration systems, refrigerated beverage vending cabinets, transport refrigeration systems, ultra-low temperature refrigeration systems, microbial control of air & water systems, other.

- Apparatus: read/interpret drawings / plans, air distribution system, water systems, motors and associated controls, compressors (eg recip, rotary, cent, scroll), condensers (air/water cooled, evaporative), condensing units, control systems / control circuitry (eg thermostats, PLCs), cooling towers, cycling /capacity controls, evaporators / cooling coils, flow control (eg expan, thermo, cap. tube), pumps - water, safety controls, refrigeration accessories (eg valves, filter dryers etc.), cool rooms, freezer rooms, merchandising & display cabinets, residential air conditioning, packaging or commercial air conditioning systems, industrial air conditioning systems, domestic refrigerators & freezers, other.

Apprentice ARC Licence

Tradesperson's ARC Licence

Tradesperson's Surname

Tradesperson's Signature

Apprentice licence box

Tradesperson's licence box

Surname grid

Signature box