



# *Provincial Job Description*

---

***TITLE:***  
**(274) Refrigeration Mechanic with  
Domestic Gas Ticket**

***PAY GRADE:***  
**16**

---

***FOR FACILITY USE:***

---

***SUMMARY OF DUTIES:***

Maintains, repairs, upgrades, installs and modifies refrigeration and air conditioning systems and equipment. Assists with plumbing, as required.

***QUALIFICATIONS:***

- ◆ **Journeyman Refrigeration and Air Conditioning Mechanic certification**
  - ◆ **Domestic Gasfitter License**

***KNOWLEDGE, SKILLS & ABILITIES:***

- ◆ **Intermediate computer skills**
- ◆ **Ability to work independently**
- ◆ **Communication skills**
- ◆ **Organizational skills**
- ◆ **Interpersonal skills**
- ◆ **Valid driver's license**

***EXPERIENCE:***

- ◆ **Previous: Nine (9) months post-ticket experience in an industrial/commercial maintenance environment.**

## ***KEY ACTIVITIES:***

### **A. Installs/Maintains/Modifies/Troubleshoots/Repairs and Upgrades**

- ◆ Maintains, troubleshoots, repairs, installs, calibrates, adjusts and monitors equipment/fixtures (e.g., chillers, pumps, cooling towers, freezers (ultra low), refrigerators, coolers, ice machines).
- ◆ Maintains, modifies/upgrades, replaces and troubleshoots computerized control systems (e.g., Fire systems, Heating, Ventilation, Air-conditioning (HVAC) systems).
- ◆ Maintains, repairs and installs pneumatic controls (e.g., thermostats, valves actuators, damper actuators, control wiring and transducers).
- ◆ Makes adjustments to set points, operating parameters and time programs programmable timers.
- ◆ Burns Erasable Programmable Read Only Memory (EPROM) chips (e.g., change from variable frequency drive for static pressure control).
- ◆ Retrofits refrigeration/air-conditioning system and replaces coolant.
- ◆ Commissioning new equipment.
- ◆ Welds (e.g., make brackets, equipment stands and repairs).

### **B. Preventative Maintenance**

- ◆ Checks and maintains control system components and related mechanical/electrical equipment.
- ◆ Provides input into the preventative maintenance program, and keeps appropriate records.
- ◆ Performs vibration analysis on specific equipment.

### **C. Gas Fired Equipment**

- ◆ Repairs, services and calibrates gas-fired equipment (e.g., convection ovens, ranges and pizza ovens).

### **D. Related Key Work Activities**

- ◆ Orders related supplies.
- ◆ Provides input into vendor selection.
- ◆ Maintains records and inventory.
- ◆ Reads and interprets schematics.
- ◆ Leads projects, including other trades and contractors.
- ◆ Provides technical advice to other trades and assists if necessary.
- ◆ Provides occasional guidance to the primary function of others, including training.

**D. Related Key Work Activities (cont'd)**

- ◆ **Complies with all regulations and ozone - depleting substance legislation.**
- ◆ **Provides input to energy management initiatives.**
- ◆ **Processes work orders, maintains documentation and records (e.g., prepares estimates).**
- ◆ **Ensures all work complies with Infection Prevention and Control Standards.**

*The above statements reflect the general details considered necessary to describe the principle functions of the job and shall not be construed as a detailed description of all the work assignments that may be inherent to the job.*

***Validating Signatures:***

***CUPE:***

***SEIU:***

---

---

***SGEU:***

***SAHO:***

---

---

***Date: January 18, 2023***