

## Refrigeration Mechanic II

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### **DEFINITION**

This is leadhand supervisory and journeyman level work in the refrigeration and air conditioning trade.

An employee of this class, in addition to performing journeyman level work of the refrigeration and air conditioning trade, organizes, assigns and supervises the duties of other journeymen and apprentices engaged in the trade and semi-skilled assistants performing assorted labouring tasks. Work of this class involves the maintenance, repair, alteration and installation of refrigeration and air conditioning systems such as skating arena ice plants, a wide variety of air conditioning units, dehumidifiers and associated auxiliary equipment and apparatus. Employees of this class will meet with trade contractors to explain required work, terms of the contract and will ensure that work performed complies with the terms of the contract, cost estimates and applicable standards. Assignments are generally given in the oral form but may be accompanied by written instructions, sketches, blueprints, etc. The employee exercises a substantial degree of independent judgement and expertise, particularly when involved in the installation of systems and the inspection and acceptance of work done by others. Work is subject to inspection in progress and/or upon completion.

### **TYPICAL DUTIES\***

Organizes, assigns, supervises and participates in the work of the journeymen and apprentices involved in maintenance, repair, alterations and installation of refrigeration and air conditioning in Parks and Recreation buildings and facilities.

Prepares cost estimates for scheduled and unscheduled maintenance; prepares designs, layouts and specifications for contract work.

Ensures that work performed complies with requirements, Alberta Building Code and applicable standards.

Performs preventative maintenance on all refrigeration and air conditioning units.

Checks and installs controls for air conditioning and refrigeration units.

Installs new air conditioning, refrigeration and associated units as required.

Makes modifications to existing refrigeration and air conditioning units as required.

Trouble shoots air conditioning and refrigeration units.

Drives a light truck and maintains a stock of equipment and parts.

Keeps records and performs administrative tasks.

Performs related duties as required.

**KNOWLEDGE, ABILITIES AND SKILLS**

Considerable knowledge of the standard methods, practices, materials, tools and equipment used in the air conditioning and refrigeration trade.

Considerable knowledge of the regulations, standards and codes controlling refrigeration and air conditioning trade.

Considerable knowledge of the occupational hazards and safety precautions of the trade.

Knowledge of the techniques of project estimating, specification preparation and technical report writing.

Familiarity with the work of related trades such as plumbing and gas fitting.

Sufficient strength to perform medium work requiring cutting, bending and joining pipe of various size.

Good eyesight and hearing to assist in locating leaks in refrigeration and air conditioning lines.

Ability to operate a variety of hand and power tools related to the work.

**TRAINING AND EXPERIENCE REQUIREMENTS**

Job Level

Certified Alberta Journeyman in the trade of Refrigeration Mechanic. Three years' experience at the journeyman level, including demonstrated supervisory potential, ability in technical report writing and knowledge of project estimating. Completion of Level I Foremanship Training or an equivalent recognized by the City of Edmonton; incumbents must successfully complete Level II Foremanship Training upon appointment. Possession of a Class 5 Alberta Motor Vehicle Operator's License.

*\* This is a class specification and not an individualized job description. A class specification represents and defines the general character, scope of duties and responsibilities of all positions within a specific job classification. It is not intended to describe nor does it necessarily list the essential job functions for a specific position in a classification. Positions may perform some of the duties listed above but this does not necessarily qualify for placement into this classification.*

Salary Plan	<u>10M</u>	<u>10A</u>	<u>10B</u>	<u>10C</u>
Job Code	0082			

Last Updated: 1990-08 (qualifications updated)

Previous Updates:

Originated: 1988-07