

## REFRIGERATION FITTER

### DEFINITION

Inspects, installs, replaces and makes a variety of repairs to refrigeration equipment.

### TYPICAL DUTIES

Inspects, installs, repairs, adjusts, and replaces compressors, coils, condensers, expansion valves, motors, and other components of various makes of walk-in refrigerators and freezers, commercial refrigerators, ice cream cabinets, beverage coolers, soda fountains, milk-shake machines, drinking fountains, and ice makers.

Inventories refrigeration equipment and keeps records of make, model, location, and nature of repairs to each unit.

May inspect major repairs performed by contractors and recommend approval of invoices for contract work.

Performs related duties as assigned.

### DISTINGUISHING CHARACTERISTICS AMONG RELATED CLASSES

A Refrigeration Fitter inspects, installs, and performs skilled repair work on various types of refrigeration units.

A Heating and Air Conditioning Fitter installs, replaces, and repairs steam, hot-water, and gas-fired heating, chilled-water and direct-expansion cooling, and related air conditioning equipment and controls.

### SUPERVISION

General supervision is received from the Refrigeration Supervisor.

### CLASS QUALIFICATIONS

#### Knowledge of:

Methods, tools, and materials used in refrigeration and large industrial cooling systems installation, repair, and maintenance

Characteristics of a variety of equipment and materials, such as compressors, evaporators, condensers, receivers, expansion valves, heat exchangers, cooling systems, pumps, piping insulation, electric motors, and controls

Safety practices and regulations pertaining to the refrigeration trade

#### Ability to:

Keep accurate records

Work effectively with contractors and District administrative and maintenance personnel

Identify and troubleshoot malfunctions of refrigeration equipment

Follow oral and written instructions

Read and interpret plans, blueprints, and specifications relating to refrigeration designs

Operate electronic testing equipment such as meters, electronic scales, and related Heating Ventilation Air Conditioning and Refrigeration equipment

Special Physical Requirements:

Ability to stand, walk, bend, crawl, climb, reach overhead, crouch, kneel, balance, push, pull, and safely lift up to 100 pounds in inspecting or assisting projects when needed  
Withstand low temperatures  
Ability to work safely in confined spaces

ENTRANCE QUALIFICATIONS

Education:

Graduation from high school or evidence of equivalent educational proficiency.

Experience:

Successful completion of a recognized heating and air conditioning or refrigeration apprenticeship program; or six years of experience in troubleshooting and repair of commercial refrigeration or heating and air conditioning equipment, of which one year must have been at the journey-level.

Special:

Possession of a certificate of competence of chlorofluorocarbon License type Universal in accordance with EPA Rule 608, Clean Air Act.  
A valid California Driver License  
Use of an automobile.

SPECIAL NOTE:

Employment is subject to medical clearance.  
Positions in this classification are subject to pertinent provisions of the General Industry Safety Orders of the California Code of Regulations regarding protective equipment when exposed to hazardous materials, including, but not limited to, asbestos and lead.

This class description is not a complete statement of essential functions, responsibilities or requirements. Entrance requirements are representative of the minimum level of knowledge, skill and/or abilities. To the extent permitted by law, management retains the discretion to add or to change typical duties of a position at any time, as long as such addition or change is reasonably related to existing duties.

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