

BUS AIR CONDITIONING MECHANIC TRAINEE

Class Definition

Under close supervision, maintains and repairs heating, cooling, and refrigeration equipment on City Transit buses.

Distinguishing Characteristics

Bus Air Conditioning Mechanic Trainee is the apprentice level in the Bus Air Conditioning Mechanic series. Incumbents receive training in the maintenance and repair of bus heating, cooling, and refrigeration equipment. A Bus Air Conditioning Mechanic Trainee performs all details of the work under close observation and guidance. After completing a minimum of three years work experience including 4,000 hours of training, a Bus Air Conditioning Mechanic Trainee, upon recommendation of the supervisor and successful completion of a non-competitive qualifying examination, may be promoted to Bus Air Conditioning Mechanic, the journey level in the series.

Typical Tasks

(An incumbent may not be assigned all duties listed, nor do the examples cover all duties which may be assigned.)

Inspects, maintains, repairs, and overhauls bus heating, cooling, and refrigeration equipment.

Inspects and tests bus refrigeration and air conditioning equipment for leaks, worn or defective parts, and other malfunctions.

Adjusts valves, gauges, thermostats, and other controls.

Drains and/or adds coolant as required.

Analyzes operating efficiency and recommends improvements.

Performs related duties as required.

Knowledge, Abilities, and Skills

Some knowledge of automotive heating, cooling, and refrigeration systems.

Some knowledge of automotive electrical systems.

Knowledge of the hazards and safety precautions of the trade.

Ability to learn materials, equipment, and techniques used in the repair, maintenance, and installation of automotive heating, cooling, and refrigeration equipment.

Ability to learn to work from blueprints and to draw diagrams and sketches.

Ability to follow written and oral instructions.

Some skill in the use of hand and mechanized tools, gauges, and instruments.

Minimum Qualifications

Six months of experience in servicing and making minor repairs to automotive equipment.

Necessary Special Requirement

Possession of a valid California Class II Driver's License at time of appointment and capable of acquiring a Class I Driver's License.

APPROVED: _____

Director of Personnel

DATE: _____

MR/CW/po/07/24/87
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