

APPLIANCE REPAIR TECHNICIAN

DEFINITION

Repairs and maintains a variety of electrical and electronic tools, appliances, and equipment.

TYPICAL DUTIES

Performs the following duties on electrical tools, appliances, and equipment, such as drills, saws, routers, sanders, vacuum cleaners, laminators, blueprint machines, coffee urns, grinders, hammerdrills, fans, overhead projectors, and other power tools:

Disassembling, repairing, adjusting, and assembling electric tools and equipment

Modifying parts of equipment, involving the use of hand tools, brazing equipment, grinders, drill presses, and other equipment.

Overhauling, servicing, and lubricating tools, appliances, and equipment.

Repairing frames and guards on equipment.

May perform minor wiring.

May prepare estimates of material and labor costs.

Performs related duties as assigned.

DISTINGUISHING CHARACTERISTICS AMONG RELATED CLASSES

An Appliance Repair Technician overhauls, repairs, and adjusts a variety of electrically and electronically powered tools, appliances, and equipment.

An Electronics Technician installs, repairs, and maintains a variety of electronics equipment.

An Electrician performs electrical construction, installation, repair, and maintenance tasks with a variety of electrical systems and equipment related to light, heat, communications, and power.

SUPERVISION

General supervision is received from a central shop supervisor. Work direction is received from central shops senior. No supervision is exercised.

CLASS QUALIFICATIONS

Knowledge of:

Methods, materials, and tools used in the repair, maintenance, and adjustment of a variety of mechanical, electrical, and electronic devices

Safety rules and procedures related to working with tools and electrical and electronic appliances and equipment

Basic mechanical, electrical, and electronic principles

Ability to:

- Read and interpret simple schematic diagrams
- Use a variety of hand tools, grinders, saws, tool post grinders, calipers, and drill presses
- Complete work assignments without close supervision
- Perform basic voltage and resistance measurements

Special Physical Requirements

- Ability to stand, walk, stretch, twist, bend, kneel, and safely lift up to 75 pounds
- Normal color vision to distinguish color-coded conductors
- Ability to detect unusual sounds from transformers, circuit boards, conductors, switches, motors, relays, and other components

ENTRANCE QUALIFICATIONS

Education:

Graduation from high school or evidence of equivalent educational proficiency.

Experience:

One year of experience in the repair of a variety of electrical tools or appliances.

Special:

A valid driver's license to legally operate a motor vehicle in the State of California and use of a motor vehicle.

This class description is not a complete statement of essential functions, responsibilities, or requirements. Requirements are representative of the minimum level of knowledge, skill, and/or abilities. Management retains the discretion to add or change typical duties or a position at any time.

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