

BRASS AND PERCUSSION INSTRUMENT TECHNICIAN

DEFINITION

Repairs, overhauls, and adjusts a variety of brass and percussion instruments.

TYPICAL DUTIES

Repairs, overhauls, adjusts, washes, cleans, and sterilizes brass and percussion instruments, including horns, trumpets, trombones, sousaphones, euphoniums, French horns, tubas, helicons, mellophones, orchestra bells, song bells, autoharps, drums, tympanies, xylophones, marimbas, and alto, tenor, and baritone horns.

Repairs mouthpieces, slides, valves, valve keys, tubing, and waterkeys.

Performs soft and silver soldering, brazing, and burnishing.

Replaces felt and cork bumpers and pads.

Repairs and replaces drumheads, rods, hooks, and snares.

Remounts and replaces bars on orchestra and song bells, xylophones, and marimbas.

Tunes percussion instruments.

Assists in the repair of instrument cases.

Fabricates or modifies parts.

Performs related duties as assigned.

DISTINGUISHING CHARACTERISTICS AMONG RELATED CLASSES

A Brass and Percussion Instrument Technician repairs and adjusts a variety of brass and percussion instruments.

The Musical Instrument Repair Supervisor plans, organizes, and is responsible for the operation of the Musical Instrument Repair Shop and supervises personnel in the repair of musical instruments, including pianos.

A Musical Instrument Repair Assistant assists in the repair, overhaul, and adjustment of musical instruments, and repairs musical instrument carrying cases, music stands, and related equipment.

SUPERVISION

General supervision is received from the Musical Instrument Repair Supervisor. Work direction is exercised intermittently over a Musical Instrument Repair Assistant.

CLASS QUALIFICATIONS

Knowledge of:

Principles of construction of brass and percussion instruments

Pertinent safety orders issued by the California Division of Industrial Safety and safety practices related to musical instrument repair

Methods, materials, and tools, such as lathes, drill presses, and honing machines, used in the repair, overhaul, and adjustment of instruments

Ability to:

- Use hand and power tools, including drills, lathes, and honing machines
- Read and understand instruction manuals and parts catalogs
- Make computations of labor and parts costs
- Keep legible records
- Work effectively with District personnel

Special Physical Requirements:

- Auditory acuity as required to inspect instruments to meet specifications
- Visual acuity as required to inspect and repair instruments
- Manual dexterity as required to make repairs of small items and operate machines
- Safely lift and carry items weighing up to 85 pounds

ENTRANCE QUALIFICATIONS

Education:

Graduation from high school or evidence of equivalent educational proficiency.

Experience:

Two years of experience in the repair of brass and percussion instruments.

Special

A valid California Driver License.

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 abilities. Management retains the discretion to add or change typical duties of the position at any time.

Revised
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