

Summary of Duties: Inspects and determines whether transportation and construction equipment tires should continue in service or be repaired; balances and inspects wheels; discards or returns tires to the manufacturer; services, removes and installs tires and tubes; performs skilled work in the sectional repair and recapping of tires; may work with contractors and oversee work performed on departmental equipment; and does related work.

Distinguishing Features: A Tire Repairer performs tire repair work and may act as a lead when teamed with other employees engaged in changing and servicing tires, tubes and other rubber goods. An employee of this class receives assignments in the form of written or oral instructions and work is subject to review by a Tire Repair Supervisor or other supervisor.

This class differs from the automotive repairer series in that it requires specialized knowledges and skill relating to tire and tube repair and maintenance. Considerable occupational hazards exist in view of the possibility of receiving burns from hot irons, section molds, and steam tube plate and because of the possibility of injury while installing tires in the field.

Examples of Duties: Inspects tires and tubes and determines whether they are fit for continued service or whether the conditions found justify dealer adjustment, repairing, recapping, or disposal for salvage; determines causes of, and remedies for irregular tire wear or premature tire failure; removes and installs tires, tubes, rims, and wheels on heavy duty equipment such as graders and trucks in the field; determines and selects proper sizes and types of wheels, rims and tires of various types of transportation and construction equipment; repairs rubber gloves and boots; repairs and fabricates washers, hose fittings, and other rubber goods.

Repairs tires by skiving out holes or breaks, removing broken cords, buffing and cementing injuries, making new cord repairs, and placing tires in a section mold and vulcanizing; sets up molds to provide correct clearance and pressure to insure a proper cure; tests and vulcanizes inner tubes; grooves or cuts new treads on tires; prepares casings for new treads and installs and vulcanizes treads to the carcass; utilizes molds, steam tube plates, grooving irons, skiving knives, scissors, valve angles, static and dynamic wheel balances, truck and car jacks, and a rim rolling machine to form safety rims on wheels not so equipped; inspects tires repaired and recapped by outside contractors as to materials, quality of work, and conformance to specifications; may negotiate with obstructor and with new tire dealers in regard to adjustments on defective tires or work; originates and prepares requisitions for recapping and repair services; maintains records of tires by serial number; ships wheels, tires, and tubes and repairing tubes; drives automotive and construction equipment incidental to other duties; and may

occasionally be assigned to other duties for training purposes or to meet technological changes or emergencies.

Qualifications: A good knowledge of the various sizes, capacities, types and structures of tires and tubes used on transportation and construction equipment; a good knowledge of tire repair methods; a good knowledge of the safety principles and practices and hazards involved in working on shop and field tire repairs, mounting, dismounting and recapping; a good knowledge of tire recapping methods; a working knowledge of various sizes, types, and structures of wheels and rims and their proper use on various types and sizes of equipment.

The ability to use tools and equipment employed to diagnose tire defects and to determine the disposition to be made of tires; the ability to keep routine records and make accurate and adequate reports related to tire repair work; and the ability to repair tires and tubes.

Completion of a recognized apprenticeship as a tire repairer or three years of full-time paid experience in sectional tire repair, recapping, tire and wheel inspection, or maintenance on a variety of tires and wheels including heavy duty truck or earth moving types is required for a Tire Repairer.

License: A valid class 2 or 3 California driver's license and a good driving record are required prior to appointment.

Physical Requirements: Strength to perform average lifting up to 70 pounds and occasionally over 70 pounds for Tire Repairer; back and leg coordination involved in activities such as stooping, kneeling, crouching, and crawling; arm, hand, and finger dexterity with both hands involved in activities such as reaching handling, and feeling; good eyesight; and good hearing ability.

Persons with medical limitations may, with reasonable accommodations, be capable of performing the duties of some of the positions in this class. Such determination must be made on an individual basis in light of the person's limitations, the requirements of the position, and the appointing authority's ability to effect reasonable accommodations to the person's limitations.

As provided in Civil Service Commission Rule 2.5 and Section 4.55 of the Administrative Code, this specification is descriptive, explanatory and not restrictive. It is not intended to declare what the duties and responsibilities of any position shall be.