

Summary of Duties: Lubricates, cleans and performs other nonrepair servicing on construction and transportation equipment in a shop or from a service truck in the field; services a wide variety of heavy duty track-laying and heavy wheeled vehicles in yards and at construction sites; or may serve as an apprentice in one of the automotive crafts; and does related work.

Distinguishing Features: Construction Equipment Service Workers are involved in the nonrepair servicing of transportation and construction equipment such as: air compressors, tractors, cranes, concrete mixers, excavating machines, trailers, a variety of heavy, medium and light trucks, and automobiles. Construction Equipment Service Workers normally report to one of several types of journey-level construction equipment mechanics.

Incumbents of this class may work as an apprentice assisting and eventually performing unassisted various types of journey-level vehicle maintenance and repair work. Incumbents may receive close supervision in a large garage, or general supervision, supplemented with manuals, lubrication charts, and special instructions when working in a smaller shop or from a service truck in the field.

Examples of Duties : Lubricates construction and transportation equipment; drains, flushes and refills transmissions, differentials and similar systems; inspects and replaces oil and gas filters; checks and dispenses oil, fuel and water when needed and is responsible for the efficient use of such supplies; inspects and services air and water-filled tires by inflating, patching or replacing; takes oil samples for analysis; removes, retaps and replaces broken grease fittings; tests, services and replaces batteries and battery accessories; flushes radiators and blocks; checks and replaces thermostats and radiator hoses when needed; checks and adds fluid to hydraulic brake systems; steam cleans vehicles and equipment; cleans, washes and polishes vehicles and glass parts; cleans grease from engines with detergent solution; services steam cleaning, lubrication, air compressing and fuel dispensing equipment; maintains wash racks, wash rack sumps, lubrication racks and grease pits; checks and maintains tools; maintains shop and work area clean; inspects fire extinguishers;

Keeps records on equipment serviced and time spent servicing equipment; balances daily report of oil and gas used; visually inspects construction and transportation equipment and makes written and oral reports on obvious repairs needed; maintains stock and inventory records and prepares requisitions for needed parts and supplies; drives various types of service trucks and/or operates construction and transportation equipment to facilitate servicing; acts for dispatcher in dispatcher's absence; and may occasionally be assigned to other duties to meet technological changes or emergencies.

Qualifications: A good knowledge of the components and operation of hand and power operated, stationary and mobile fuel and lubrication equipment; a good knowledge of the appropriate use of hand and pneumatic tools; a good knowledge of driving and traffic regulations; a working knowledge of oil and air filter and element changing procedures; a working knowledge of grease fittings; a working knowledge of the types and uses of new, used and recapped tires and of rims, valve stems and cores; a working knowledge of the components and operation of construction and transportation equipment hydraulic systems; a working knowledge of the types, uses, accessories and principles of operation of batteries and of basic battery circuitry and maintenance; a working knowledge of the types and uses of brake fluids; a working knowledge of the location and function of brake master cylinders, wheel cylinders and brake lines of hydraulic brake systems and of the indicators of the condition of such systems; a working knowledge of air brake systems including appearance and location of tanks, bleeding procedures and acceptable amounts of condensation; a working knowledge of construction and transportation equipment fuel, coolant and lubrication requirements; a working knowledge of basic shop and garage safety practices, procedures and principles including fire prevention methods in garages; a general knowledge of various departmental and State codes and regulations as they relate to the safe maintenance and operation of construction and transportation equipment; the ability to read and interpret written mechanical instructions and to apply the information; the ability to follow oral instructions; the ability to read and follow maps including road, pipeline and towerline maps; the ability to perform simple math; and the ability to write clear, simple and brief reports to record services performed, malfunctions and to maintain necessary stock and inventory levels.

One year of full-time paid experience in servicing and lubricating construction vehicles or; two years of full-time paid experience in servicing and lubricating cars, trucks, and construction vehicles is required for Construction Equipment Service Worker.

License: A valid California driver's license and a good driving record is required. A valid California Class A or Class B Commercial Driver License and a Tanker (TA) endorsement may be required for some positions in the class of Construction Equipment Service Worker.

Physical Requirements: Strength to perform average lifting up to 35 pounds and occasionally over 70 pounds; 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; and good eyesight.

Persons with medical limitation 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 limitation, the requirements of the position, and the appointing authority's ability to effect reasonable accommodations to the 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.