



HEAVY EQUIPMENT MECHANIC I

DEPARTMENT: Road

ESSENTIAL JOB DUTIES: Maintains, repairs, and overhauls gasoline and diesel-powered construction, maintenance, and automotive equipment; examines and locates mechanical defects in a wide variety of automotive, road construction, and maintenance equipment, including diesel and gasoline-powered trucks, tractors, and motor graders; makes a variety of mechanical repairs including engine tune-ups, brake relining, electrical system repair; maintains records of time and materials used on each job; uses welding equipment to fabricate, rebuild, and strengthen various equipment parts; operates a variety of vehicles and equipment.

OTHER EXAMPLES OF DUTIES: May train and develop junior mechanics and service workers; disassembles, repairs, grinds, or replaces worn parts; fits new parts and adjusts engines, oil, water, and fuel pumps, carburetors, and fuel injectors, governors, starting motors, brakes, and steering gear; times and adjusts motors; replaces electrical wiring; overhauls hydraulic lifts and steering assemblies on tractors, trucks, and motor graders; performs work in the field; and performs related duties as assigned.

EMPLOYMENT STANDARDS

Education/Experience: High school graduate or equivalent with one year as a Heavy Equipment Mechanic or comparable class (with prerequisite experience) OR four years of documented skilled experience in the repair and overhaul of diesel and gasoline-powered automotive, construction, and maintenance equipment.

Knowledge of: Principles, methods, and practices pertaining to the operation of a heavy construction and maintenance equipment repair and maintenance shop; tools, materials, and equipment used in the maintenance, adjustment, and repair of heavy construction and automotive equipment; principles and methods of preventive maintenance of gasoline and diesel-powered equipment; safe work practices.

Ability to: Inspect and approve heavy construction and maintenance equipment repair work; locate mechanical defects and estimate the type and feasibility of repairs; supervise and develop subordinate employees; operate machines and tools used in automotive and heavy-duty road equipment repair and welding work; maintain accurate records and prepare reports; meet and maintain standards of physical endurance and

agility; work cooperatively with those contacted in the course of work. Must have ability to drive for prolonged time; stand, walk, sit, twist, and carry up to 75 pounds; perform work above shoulder level. Position will include exposure to moving machinery that includes all trucks and equipment; to noises caused by heavy equipment and tools; dust, fumes, and other irritants, ambient weather conditions that include a high of 120 degrees and low of –10 degrees Fahrenheit.

Special requirements: Must possess a valid Class A operator's license issued by the California Department of Motor Vehicles; must provide own tools.