

MECHANIC II - AUTOMOTIVE/SMALL ENGINE

DEFINITION

Under direction, performs a variety of skilled level repair, overhaul, and maintenance of a variety of automotive/small engine and other gasoline and diesel powered motorized and electrically powered equipment; performs semi-skilled and skilled service in assisting other mechanical service and operational personnel; performs other related work as assigned.

ESSENTIAL DUTIES

- inspects and diagnoses mechanical defects on a variety of gasoline and diesel powered vehicles, golf carts, and a variety of small gasoline engine/diesel powered tractors, mowers, pumps, and other motorized equipment
- reviews mechanical repair orders and determines priority work assignments
- observes, listens, and diagnoses mechanical defects and malfunctions
- rebuilds, replaces or overhauls engines, transmissions, differentials, starters, generators, braking systems, clutches, carburetion systems, electrical systems and other mechanical assemblies
- performs engine tune-ups and ignition system adjustments
- inspects, adjusts, and relines brakes within specific guidelines
- uses a variety of hand tools, diagnostic equipment, welding equipment, and a variety of mechanical aides in the repair, adjustment, and maintenance of motorized equipment
- performs tests and inspects mechanical equipment to ensure that malfunctions have been corrected, and that the equipment is functioning properly
- estimates time and material costs concerning repair and maintenance functions
- may utilize electric and gas welding equipment, lathes and drill presses in repairing and fabricating parts
- responds to emergency service needs
- maintains a variety of records and files pertaining to motorized equipment repair, overhaul and maintenance

QUALIFICATIONS

Knowledge of: Methods, materials, tools and equipment used in the maintenance and repair of a variety of electrically, gasoline, and diesel powered motorized vehicles and equipment; principles and theories of the internal combustion engine; legal mandates, policies, regulations, and guidelines pertaining to the repair, overhaul, and maintenance of motorized equipment; safe working methods and procedures.

Ability to: Diagnose and locate mechanical and electrical malfunctions and defects; performs skilled repair, overhaul, and maintenance functions of automotive, small gasoline engine, diesel and electrically powered equipment; operate a variety of equipment utilized in the repair and maintenance of gasoline, electrically, and diesel powered motorized vehicles and equipment; interpret mechanical and electrical schematics and diagrams; maintain simple records and prepare complete and concise reports; understand and follow oral and written directions; establish and maintain cooperative working relationships.

PHYSICAL DEMANDS

The physical requirements indicated below are examples of the physical aspects that this position classification must perform in carrying out essential job functions.

- will frequently exert 75 to 100 pounds of force to lift, carry, push, pull, or otherwise move objects
- will involve walking or standing for extended periods of time, and may involve ascending and descending ladders, stairs, scaffolding, and ramps
- must be capable of perceiving the nature of sound
- must possess visual acuity and depth perception
- must be capable of providing oral information
- must possess the manual dexterity to operate equipment and use hand tools, and handle and work with various materials and objects
- may occasionally experience hot, cold, wet, humid, or windy conditions caused by weather

Reasonable accommodation may be made to enable a person with a disability to perform the essential functions of the job.

EXPERIENCE AND EDUCATION

Experience: Two years of experience, within the last ten years, as a journey-level, gasoline/diesel powered automotive mechanic.

Education: Verification of a High School diploma, a GED certificate, or a higher degree; training or course work in gasoline and diesel powered equipment repair, maintenance, and overhaul is desirable.

License Requirement: Possession of a valid Class II, California Motor Vehicle Operator's License.

Condition of Employment: Insurability by the District's liability insurance carrier may be required.