

MECHANIC II – SMALL ENGINE

DEFINITION

Under the direction of the Maintenance and Operations Director or the Transportation Manager, to perform a variety of skilled level repair, overhauls and maintenance of a variety of small engine and other gasoline and diesel powered motorized and electrically powered equipment; to perform semi-skilled and skilled service in assisting other mechanical service and operational personnel; and to performs other related work as assigned and/or required.

ESSENTIAL DUTIES

- inspects and diagnoses mechanical defects on electrically powered equipment, and a variety of small engine gasoline and diesel powered tractors, mowers, pumps, golf carts, custodian equipment and other motorized equipment
- reviews mechanical repair orders; and determine priority work assignments
- observes, listen to, and diagnose 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 specified guidelines
- uses hand and power 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 files and records 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 equipment; principles and theories of the internal combustion engine; legal mandates, policies, regulations and guidelines pertaining to the repair, overhaul and maintenance motorized equipment; and safe working methods and procedures.

Ability to:

Diagnose and locate mechanical and electrical malfunctions and defects; perform skilled small engine gasoline, diesel, and electrically powered equipment repair, overhaul and maintenance

functions; 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 carry out 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
- may ascend and descend ladders, stairs, scaffolding and ramps; will walk, stand, stoop, bend, crawl and recline for extended periods
- must be capable of perceiving the nature of sound
- must possess visual acuity and depth perception
- must be able to provide oral information, both in person and over the telephone
- must possess the manual dexterity to operate equipment, use hand tools, and to 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

Any combination of experience and training that would likely provide the required knowledge and skill is qualifying. A typical way to obtain the required knowledge and skill would be:

Experience: Two years of experience, within the last ten years, as a journey level gasoline powered small engine, electric motor and automotive mechanic.

Education: Verification of a High School diploma, a GED certificate, or a higher degree; supplemented by required training or course work in gasoline, electric motor, diesel powered motorized equipment repair, overhaul and maintenance.

License Requirement: Possession of a valid California Driver's License.

Condition of Employment: Insurability by the District's liability insurance carrier may be required. Finalists scheduled for an interview must provide a current DMV printout (not more than 30 days old) prior to the interview.

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