

## **MECHANIC III – HEAVY DUTY**

### **DEFINITION**

Under the direction of the Transportation Manager, performs a variety of skilled journey-level repairs, overhauls and maintains buses, passenger vehicles, heavy duty trucks and a variety of other gasoline and diesel powered motorized equipment; plans, organizes and coordinates mechanical services in performing a variety of repair, overhaul and maintenance functions; performs other related work as assigned and/or required.

### **ESSENTIAL DUTIES**

- inspects and diagnoses mechanical defects on a variety of gasoline and diesel powered buses, trucks, automobiles, and other motorized and non-motorized equipment
- reviews mechanical repair orders; plans and lays out the mechanical service tasks
- observes, listens to, and evaluates mechanical defects and malfunctions
- rebuilds, replaces or overhauls engines, transmissions, differentials, starters, generators, braking systems, clutches, fuel 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, and a variety of mechanical aides
- estimates time and material costs regarding repair and maintenance functions; establishes project completion timelines
- utilizes a variety of welding equipment in repairing and fabricating parts
- responds to emergency service needs
- may road test equipment and vehicles to ensure that repairs have been satisfactorily completed
- prepares requisitions and maintains an appropriate inventory of parts, materials, and supplies
- maintains a variety of records and files pertaining to mechanical service tasks; prepares operational reports as required

### **QUALIFICATIONS**

**Knowledge of:** Principles, methods, materials, tools, and equipment used in the maintenance and repair of a variety of light to heavy duty gasoline and diesel powered equipment both motorized and non-motorized; principles and theories of the internal combustion engine, both two and four stroke; legal mandates, policies, regulations and guidelines pertaining to the repair, overhaul and maintenance of pupil transportation and automotive equipment; safe working methods and procedures.

**Ability to:** Diagnose and troubleshoot mechanical and electrical malfunctions and defects; operate and perform a variety of skilled and specialized journey-level gasoline and diesel-powered equipment repair, overhaul and maintenance functions; interpret mechanical, electrical and other schematics and diagrams; maintain records and files; prepare complete and concise reports; coordinate the work of mechanical service personnel; 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
- may ascend and descend ladders, stairs, scaffolding and ramps; will walk, stand, stoop, bend, crawl and recline for extended periods, sometimes in awkward positions
- 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**

**Experience:** Four years of experience, within the last ten years, as a heavy duty journey-level gasoline, CNG fuel and diesel mechanic.

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

**License Requirement:** Verification of a valid Class B, California Commercial Drivers License, with air brake endorsement, or able to obtain within eight months.

**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.