

## **EQUIPMENT MECHANIC I**

### **Job Summary:**

Under direct supervision of the Equipment Maintenance Supervisor, services, maintains, and repairs gasoline and diesel powered equipment. The Equipment Mechanic I performs skilled work in the maintenance and repair of gasoline and diesel powered equipment.

This is the first experienced level class in the Equipment Mechanic Job Series. Incumbents typically have appropriate specialized training with job related experience. Employees within this class are distinguished from Equipment Mechanic II by the performance of the work assigned to the journey level, but without the independence or full responsibility expected of positions at the journey level. Assignments are generally limited in scope and are set within a procedural framework established by the supervisor. As experience increases, the incumbent performs with increasing independence and becomes proficient by demonstrating those skills necessary to perform as an Equipment Mechanic II.

Incumbents in this classification must complete one year in this classification, must meet the minimum qualifications of Equipment Mechanic II and must meet Job Series guidelines to promote to Equipment Mechanic II.

### **Essential Duties and Responsibilities:**

(These functions are representative and may not be present in all positions in the class. Management reserves the right to add, modify, change, or rescind related duties and work assignments.)

1. Diagnoses, maintains, and repairs a variety of gasoline and diesel powered equipment, vehicles, and machines including, but not limited to, automobiles, trucks, tractors, mowers, and street sweepers.
2. Inspects and performs preventive maintenance to City vehicles and motorized equipment; performs major and minor tune-ups and electrical repairs; lubricates and services vehicles.
3. Overhauls, repairs, and adjusts engines, transmissions, differentials, and clutches; installs, rebuilds, and reconditions engines; replaces rods and gears.
4. Inspects, cleans, repairs, and replaces parts and components of City vehicles and equipment.
5. Provides emergency services for City equipment and vehicles; responds to emergency calls as necessary.
6. Performs welding, soldering, brazing, spray painting, and minor body repair work as required.
7. Orders or fabricates parts needed for equipment repairs.
8. Operates a variety of equipment and machines including electronic diagnostic equipment and various hand and power tools; maintains tools and equipment in clean and proper working condition.
9. Maintains routine records related to equipment and maintenance activities such as records of repairs and parts inventory.
10. Assists in training other personnel.
12. Performs related duties as required.

**Qualification Guidelines:**

A typical way to obtain the requisite qualifications to perform the duties of this class is as follows:

**Education and/or Experience:**

High school graduation or GED and completion of Equipment Mechanic coursework and two (2) years of full-time, paid experience in the maintenance and repair of equipment and vehicles, and one (1) year of Equipment Service Worker experience. Experience and/or education in a related field may be substituted on a year for year basis.

**Knowledge of:**

- Methods, equipment, and materials used in the overhaul, maintenance, and repair of gasoline and diesel powered equipment.
- Repair and maintenance of fuel, ignition, electrical, and cooling systems.
- Operation and care of internal combustion engines, chassis, parts, and replacements.
- Proper methods of storing equipment, materials, and supplies.
- Safety precautions and procedures, handling of hazardous materials.
- Applicable federal and state laws, regulations, codes, policies, and procedures.
- Mechanical operation and care of motorized equipment.
- Principles and practices of training and/or providing work direction.
- Appropriate safety practices and procedures.
- Applicable sections of the California Vehicle Code.
- Routine recordkeeping techniques.

**Skill and/or Ability to:**

- Inspect, diagnose, overhaul, maintain, and repair gasoline and diesel powered equipment.
- Service and perform preventive maintenance to gasoline and diesel powered equipment.
- Diagnose and repair mechanical, electronic, and electrical problems.
- Operate and maintain various tools and equipment utilized in equipment maintenance and repair.
- Provide emergency equipment maintenance and repair services.
- Understand and follow oral and written directions.
- Maintain routine records.
- Observe legal and defensive driving practices.
- Establish and maintain cooperative and effective working relationships with others.
- Lift objects weighing from 75-100 pounds.
- Observe and enforce safety practices and procedures.
- Understand and follow oral and written directions.
- Maintain routine records and reports.
- Perform medium to heavy manual labor.

**License and/or Certificate:**

Possession of valid California Class A driver's license. Employee in this classification will be enrolled in the Department of Motor Vehicles (DMV) Government Employer Pull Notice Program, which confirms possession of a valid driver's license and reflects driving record.

**Physical Requirements and Working Conditions:**

Employee accommodations for physical or mental disabilities will be considered on a case-by-case basis. Positions in this class normally:

- Require the mobility to stand, stoop, reach, kneel, crouch, and bend.
- Require mobility of arms to reach and dexterity of hands to grasp and manipulate small objects.
- Require the ability to stand for long periods.
- Perform work which involves the frequent lifting, pushing, and/or pulling of objects which may approximate 75 and up to 100 pounds.
- May be required to work with harsh and/or hazardous substances.
- May be required to wear protective apparel including goggles, face protectors, aprons, shoes, and oxygen breathing apparatus.
- May be required to work around loud noise, moving mechanical parts, and/or electrical current.
- Require to respond to emergency situations.
- May be required to use City and/or personal vehicle in the course of employment.