

As a Heavy Equipment Mechanic Leader, you will lead and train Heavy Equipment Mechanics and Apprentices in performing preventive maintenance and emergency repairs on such vehicles as police cruisers, Fire Department boats, snow removal equipment, and construction equipment.

### **JOB DESCRIPTION**

- Heavy Equipment Mechanic Leader
- Works under the general supervision of the Heavy Equipment Mechanic Supervisor.
- Serves in a Heavy Equipment Maintenance Shop in the Engineering and Maintenance Department at either Ronald Reagan Washington National Airport (DCA) or Washington Dulles International Airport (IAD).

Leads and trains mechanics and apprentices in troubleshooting, repairing, overhauling, and performing preventive maintenance on a variety of mobile and stationary equipment including diesel, multi-fuel, and gasoline engines; automatic and manual transmissions; hydraulic systems; and HVAC systems. Performs related functions.

### **GENERAL RESPONSIBILITIES**

- Informs supervisor of workload estimates and needed equipment, materials, tools, and parts.
- Ensures that individuals assigned to shift have enough work to keep them busy.
- May institute minor changes in tasks that do not adversely affect costs or quality, determine the number and types of employees to be assigned considering the skills of employees available to do the scheduled work.
- May make trouble calls for construction equipment on which he/she is experienced.
- Assigns employees to particular tasks, explains requirements, and ensures materials and equipment needed are available and operational.
- Coordinates with other departments, division, or shifts to schedule time for vehicles to be brought into shop for maintenance.
- Demonstrates proper work methods and assists employees with work problems.
- Makes detailed recommendations concerning improvements in work methods, techniques, safety, and morale and refers workers' suggestions to the supervisor.
- Informs supervisor about performance and training needs of individual employees.
- Resolves minor employee conflicts and complaints and assures safety, conduct, and housekeeping rules are observed.
- May produce work reports both verbally and in writing and initiate work orders using a computerized system.
- Performs more difficult work independently or with other mechanics. Troubleshoots, fabricates parts, and repairs light and heavy mobile equipment and assists mechanics on shift.
- Uses tools and equipment of the trade to test and repair equipment.
- Uses computerized diagnostic machines to test electrical or mechanical components and equipment.
- Immediately responds to emergency equipment problems that require immediate action to prevent loss or damage, restore essential services, and eliminate hazards.
- May perform state vehicle inspections as regulated by the Commonwealth of Virginia.

- Performs other duties as assigned.

### **QUALIFICATIONS**

- Four years of progressively responsible experience in the repair and maintenance of heavy mobile gasoline and diesel fueled equipment that includes substantive work in mechanical and hydraulic systems and components and electrical troubleshooting.
- Ability to lead projects or work groups, including assigning and reviewing immediate tasks to the group, setting the pace, and checking work in progress and on completion.
- Ability to apply journey level knowledge to personally perform and to lead others in the maintenance and repair of heavy industrial, commercial, and light automotive equipment and associated systems, subsystems, assemblies, and parts.
- Journey level skill in troubleshooting, modifying, and making repairs and fitting, installing, and adjusting system/vehicle components.
- Knowledge of the safety rules, regulations, and procedures needed to lead others in working safely.
- Ability to analyze data and information (diagrams and schematics) to perform work.
- Ability to speak and write effectively.
- Skill in using a computer, computerized work order, and time and attendance system.

### **PREFERRED QUALIFICATIONS**

- Experience maintaining and repairing heavy equipment including crash/fire equipment, construction equipment, snow removal equipment, buses, trucks, and police and passenger cars for a public or government entity.
- [IAD only] Licensed as a Class A Commercial Driver (CDL) with HAZMAT endorsement from the Virginia Department of Motor Vehicles or the state DMV of their residence.
- Five years of experience in large-hub airport airfield and runway snow removal operations.
- Environmental Protection Agency (EPA) Refrigerant Type 1 (Small Appliances) and Type 2 (High-Pressure) Certification; certification by the National Institute for Automotive Service Excellence (ASE) as an ASE mechanic; and Automotive Service Education Program (ASEP) Certification.
- Licensed by the Commonwealth of Virginia as a State Safety Inspector.

### **EDUCATION**

- A high school diploma, a Certificate of General Educational Development (GED), or an equivalent combination of education, experience, and training.
- A fully equivalent combination of education and training may be used to substitute for the four years of experience. For example, four years of approved apprenticeship training in repair and maintenance of heavy mobile gasoline and diesel fueled equipment and one year of experience in repair and maintenance of heavy mobile gasoline and diesel fueled equipment **OR** four years of vehicle repair and maintenance experience and 240 hours of heavy mechanical equipment vocational training.

### **CERTIFICATIONS AND LICENSES REQUIRED**

- A state driver's license in good standing.
- [DCA only] Licensed as a Class A Commercial Driver (CDL) with HAZMAT endorsement within 90 days of hire, promotion, or placement into the position.
- [IAD only] Licensed as a Class B Commercial Driver (CDL) with HAZMAT endorsement within 90 days of hire, promotion, or placement into the position.

### **NECESSARY SPECIAL FACTORS**

- Operates vehicle landside and airside (requires AOA permit).
- Work is typically reviewed in progress and upon completion for quantity, quality, timeliness, teamwork, customer service, and other factors.
- Is subject to hold over and recall on a 24-hour basis for essential services and emergencies such as snow removal.
- May bend, crouch, and work in cramped positions; carries/moves objects weighing up to 100 pounds.
- Is subject to possible electrical shock, falls from large mobile equipment, burns, slips on oily flooring, and hazardous fumes and substances. May work for prolonged periods of time in noise levels in excess of 105db. Wears personal protective equipment as necessary.
- Ability to communicate clearly with the Air Traffic Control Tower and interpret instructions from the ATCT.