

As a Heavy Equipment Mechanic you will maintain and repair the Airports Authority's fleet of trucks, vehicles and ground transportation equipment.

JOB DESCRIPTION

- Heavy Equipment Mechanic
- This is the journey (full performance) level job in the Heavy Equipment Mechanic series.
- Works under the direct supervision of the Heavy Equipment Mechanic Supervisor or Heavy Equipment Mechanic Shift Supervisor; however, may receive direction from the Heavy Equipment Mechanic Leader or Heavy Equipment Mechanic Assistant 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).

Troubleshoots, operates, repairs, overhauls and performs 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

- Examines equipment, traces/locates defects, identifies replacement parts and repairs/modifies mechanical, electrical and hydraulic systems on heavy equipment and/or HVAC systems.
- Performs preventive maintenance and inspections on vehicles and heavy mobile equipment. Changes oil and filters, checks hose connections, performs major tune-ups, etc.
- Test-drives/operates equipment to ensure it is operating correctly/according to standards.
- Makes service calls to stalled or inoperative vehicles and equipment. Performs on-site repairs. May operate wrecker to recover and transport vehicles and equipment.
- May research new suppliers or substitutions for unavailable parts; may fabricate part(s).
- May perform inspections of vehicles and equipment and prepare labor, parts, and materials requirements for itemized estimates.
- May perform minor bodywork on vehicles and equipment.
- May perform minor welding and cutting of metals and metalwork.
- Performs recurring duties such as cleaning shop/work area as required.
- Enters information into the computerized maintenance management system and completes work orders for equipment maintained, overhauled or repaired.
- 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 apply journey level knowledge of heavy industrial, commercial, and light automotive equipment to the maintenance and repair of 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.
- Ability to analyze data and information (diagrams and schematics) to perform work.
- Ability to work safely and knowledge of the safety rules, regulations, and procedures needed to do so.
- Ability to speak and write effectively.
- Skill in using a computer and computerized work order and time and attendance systems.

PREFERRED QUALIFICATIONS

- A Class B or Class A Commercial Driver's License.
- Licensure by the Commonwealth of Virginia as a State Safety Inspector.
- Certification as an Environmental Protection Agency (EPA) Clean Air Act Section 609 Motor Vehicle Air Conditioning (MVAC) Technician.
- Certification(s) from the National Institute for Automotive Service Excellence (ASE) from the Automobile and Light Truck Test Series (A Series), the Medium-Heavy Truck Series (T Series) or another series applicable to this job.

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.
- For Heavy Equipment Mechanic (IAD): Class B Commercial Driver's License within 90 days of hire or placement into the position.
- For Heavy Equipment Mechanic (DCA): Class A Commercial Driver's License with HAZMAT endorsement within 90 days of hire or placement into the position.
- EPA's MVAC Technician Certification within 30 days of hire or placement into the position.
- State Safety Inspector License by the Commonwealth of Virginia may be required.

NECESSARY SPECIAL FACTORS

- Operates vehicle airside and landside (requires AOA permit).
- 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, 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.
- Subject to hold-over and recall on a 24-hour basis for essential services and emergencies such as snow removal, to include operating equipment to clear snow on runways and roadways.
- Work is typically reviewed in progress and upon completion for quality, quantity, timeliness, teamwork, customer service, and other factors.
- Ability to communicate clearly with the Air Traffic Control Tower and interpret instructions from the ATCT.