

As a Metal Fabricator at the Airports Authority, your skills will be used to provide safe and secure functioning of airport structures, fixtures, and equipment.

JOB DESCRIPTION

- Metal Fabricator
- Works under the direct supervision of Structural Maintenance Supervisor; however, also receives direction and work orders from the Metal Fabricator Leader.
- Serves in the Structures Section of the Structures and Grounds Division in the Engineering and Maintenance Department at Ronald Reagan Washington National Airport.

Designs, fabricates, modifies, installs, and/or repairs metal parts, items and fixtures for airport structures, mechanisms, mobile and stationary equipment welding and metal fabrication techniques. Ensures completed work meets accepted trade practices and complies with the intent of the work order. Performs related functions.

GENERAL RESPONSIBILITIES

- Fabricates replaces and/or repairs defective metal parts of airport structures; evaluates the work, determines design modifications or assembly required, measures, cuts, and shapes new or replacement metal parts and installs into place.
- Performs repairs and preventative maintenance on street and step railings, airport security gates and doors, hangar and roll-up doors, airfield light brackets, barbed-wire fencing, floor and elevator metal stripping, etc.
- Designs, fabricates, repairs and/or installs new fixtures for Airport, fire and emergency response equipment; repairs panels bent on trucks, leaks in water tanks, fabricates aluminum and steel boxes to hold fire equipment, etc.
- Performs a variety of spot welding and metal repair tasks on mobile equipment and grounds maintenance and street side motor vehicles.
- Plans and lays out work from blueprints, sketches, drawings, specifications, work orders, or personal inspection of the item or system to be installed or repaired.
- Regularly uses tools (e.g. hammers, wrenches, milling machine, etc.) to modify metals used in assembly or installation.
- Assists Welders with assembly of special projects.
- Performs recurring duties such as cleaning shop/work area; inputting information and completing work orders via computer for all equipment built, maintained, or repaired.
- May substitute for leader in that person's absence.
- Performs other duties as assigned.

QUALIFICATIONS

- Four years of progressively responsible experience in metal fabrication including designing, fabricating, modifying, and/or replacing metal parts and fixtures for structures and/or stationary or mobile equipment.

KNOWLEDGE, SKILLS AND ABILITIES (KSA)

1. Full performance (journey) level knowledge of, and skill in, metal fabrication.
2. Skill in using tools, technical manuals, schematics, materials, and other equipment and guides in journey metal fabrication work.
3. Ability to analyze data and information (including blueprints and schematics).
4. Ability to work safely and knowledge of the safety rules, regulations, and procedures to do so.
5. Ability to speak and write effectively.
6. Ability to interact with contacts in a businesslike, customer service-oriented manner.
7. Skill in using a computer and computerized work order and time and attendance systems.

PREFERRED QUALIFICATIONS

- Experience designing, fabricating, modifying and/or replacing metal parts and fixtures on structures or large scale industrial mobile and stationary equipment in an airport or large, complex commercial or industrial environment.
- Possession of a Class B Commercial Driver's License (CDL).

EDUCATION

- A high school diploma, a Certificate of General Educational Development (GED), or an equivalent combination of education, experience, and training.

CERTIFICATIONS AND LICENSES REQUIRED

- A state driver's license in good standing.
- Class B Commercial Driver's License (CDL) or the ability to obtain a CDL within 90 days of hire, promotion, or placement into the position.

NECESSARY SPECIAL FACTORS

- Operates vehicle airside and landside (requires AOA permit).
- Subject to hold-over and recall on a 24-hour basis for essential services and emergencies such as snow removal.
- Required to work various shifts, as needed. May work night hours or weekends.
- May bend, stoop, crouch, and work in cramped positions; carries/moves objects weighing 50+ pounds; may work at heights of up to 95 feet.
- Is exposed to dust, dirt, grease, unpleasant odors, and hazardous fumes and substances; noise from revving diesel engines; flying sparks, glare of torches and heated materials. Wears personal protective equipment as necessary.
- Work is typically reviewed in progress and upon completion for quality, quantity, timeliness, teamwork, customer service, and other factors.